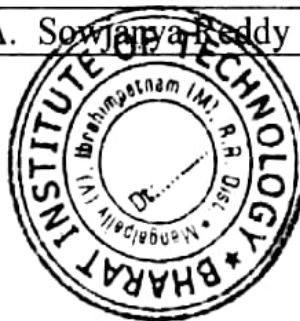




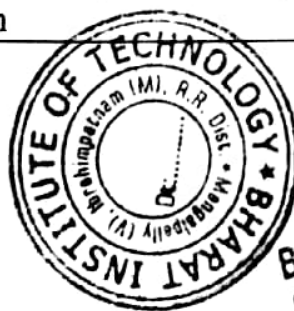
B. Pharm IV Yr II Semester Project List (AY:2018-2019)

Sl. No.	Hall Ticket No.	Name of the student	Guide Name
Antibacterial potential of curcumin incorporated cerim oxide nanoparticles against E.coli resistant strain			
1.	15171R0001	Arshia khan	Dr. M. Kiranmai
2.	15171R0006	Lakshmi Priya	
3.	15171R0037	J. Ramya	
4.	15171R0039	V. Kavya	
5.	15171R0048	T. Balavardhan Reddy	
Development and validation for the quantitative estimation of Nateglinide in bulk by RP-HPLC			
6.	15171R0003	P. Meghana	Ms. N. Maneesha Mrs. Phanisree
7.	15171R0025	A. Sirisha	
8.	15171R0035	P. Nithila	
9.	15171R0036	Anusha	
10.	15171R0049	Vishal	
Study of Antioxidant potential of Indian herbs onion, ginger and garlic			
11.	15171R0002	A. Mounika	Mrs. Nirmala Bharati
12.	15171R0004	Ashritha	
13.	15171R0054	Gopi Krishna	
14.	15171R0034	Dharani	
Evaluation of anti-urolithianic activity of Maringa oleifera leaves by UV spectrophotometer			
15.	15171R0014	O.V. Poojitha	Mrs. B. Uma Rajeswari
16.	15171R0007	S. Akshitha	
17.	15171R0032	V. Vineetha	
18.	15171R0026	Ch. Tulasi	
RP-HPLC method development and validation for estimation of Nefinavir in pure form and pharmaceutical dosage form			
19.	15171R0019	S. Rehana	Mrs.S .Namratha & Mrs. Priyanka
20.	15171R0030	Farheen Begum	
21.	15171R0042	D. Sreeja	
22.	15171R0043	K. Bhavani	
Formulation and evaluation of Herbal Analgesic gel			
23.	15171R0016	V. Vani Priya	Dr. G. Sumalatha
24.	15171R0040	V. Sai Deeksha	
25.	15171R0027	K. Sravya	
26.	15171R0012	J. Shrestha	
Synthesis, Characterization and Anthelmintic Activity Study of Novel Substituted Benzimidazole Derivatives			
27.	15171R0008	A. Sowjanya Reddy	Dr. Mrinmay



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28.	15171R0011	M. Durga Bhavani	Das
29.	15171R0061	K. Shravan Kumar	
30.	15171R0063	P. Vivek Reddy	
Preparation, in-vivo and ex-vivo characteristic of matrix type transdermal patches of palonosteros			
31.	15171R0038	K. Chandrika	Dr. A.V.Badrinath
32.	15171R0044	N.B. Bhargavi	
33.	15171R0031	P. Deepika	
34.	15171R0067	J. Pradeep Reddy	
Formulation and evaluation of herbal lipstick from color pigments of punica granatum			
35.	15171R0009	D. Sravani	Dr. Sai Krushna
36.	15171R0020	R. Glory Theresa	
37.	15171R0022	G. Sai Pravallika	
38.	15171R0028	P. Anjali	
Formulation and in-vitro evaluation of aloevera cleansing face and body cream			
39.	15171R0010	J. Renuka	Dr. S. Sandhya Rani
40.	15171R0013	P. Vardhini	
41.	15171R0017	K. Sahithi	
42.	15171R0041	N. Prathyusha	
43.	15171R0024	S. Niharika	
Synthesis and antimicrobial antifungal activity of Pyrazoline Derivatives.			
44.	15171R0050	T. Naresh	Mr. Dinesh
45.	15171R0059	R. Srikanth	
46.	15171R0056	B. Sai Krishna	
47.	15171R0051	T. Ranjith Yadav	Dr. Mihir Parmar
48.	15171R0053	A. Nikhil Kumar	
49.	15171R0021	A. Narendra	
50.	15171R0057	Srinath	
51.	15171R0003	Y. Sai Meghana	Dr. Vijaya Vani
52.	15171R0055	P. Akhil	
53.	15171R0060	G. Suresh	
54.	15171R0018	K. Sowjanya	
Formulation, Characterization and in-vitro evaluation of isoniazide microsphere			
55.	15171R0005	K. Likitha Purna	Dr. Y. Phalguna
56.	15171R0033	Prashanthi	
57.	15171R0029	Akhila	
58.	15171R0015	N. Shirisha	
59.	15171R0047	Y.Prakash	Mrs. Keerthi
60.	15171R0052	M.Madhusudhan	
61.	15171R0065	B.Naresh	
62.	15171R0062	Irfan	



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A PROJECT REPORT ON
STUDY OF ANTIOXIDANT POTENTIALS OF INDIAN HERBS
ONION, GINGER AND GARLIC

A Thesis Submitted in Partial Fulfillment of the Requirements
Of
BACHELOR OF PHARMACY

Submitted to
Jawaharlal Nehru Technological University
HYDERABAD

by

A.MOUNICA	(15171R0002)
S.ASHRITHA	(15171R0004)
G.DHARANI	(15171R0034)
G.SHAILAJA	(15171R0068)

Under the guidance of
Mrs.S.NIRMALA BHARATHI

M.Pharm, PhD

ASSOCIATE PROFESSOR

Dept. of Pharmaceutical Chemistry



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tesa

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R.R. Dist. - 501 510, Telangana

A PROJECT REPORT ON
FORMULATION AND IN VITRO EVALUATION OF ALOEVERA CLEANSING
FACE AND BODY CREAM

A Thesis Submitted in Partial Fulfillment of the Requirements

Of

BACHELOR OF PHARMACY

Submitted to

Jawaharlal Nehru Technological University

HYDERABAD

by

K.SAHITHI	(15171R0017)
P.VARDHINI	(15171R0013)
S.NIHARIKA	(15171R0024)
N.PRATHYUSHA	(15171R0041)
LRENUKA	(15171R0010)

Under the guidance of

Dr. G.SANDHYA RANI ML Pharm, PhD, pdf

Dept. of Pharmaceutics



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Kesav
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Bharat Institute of Technology
Mangalpally (V), Ibrahimpatnam (M), R. R. Dist. - 501 510, T.

**A PROJECT REPORT ON
REPARATION, IN-VITRO AND EX-VIVO CHARACTERIZATION OF MATRIX
TYPE TRANSDERMAL PATCHES OF PALONOSETRON HYDROCHLORIDE**

A Thesis Submitted in Partial Fulfillment of the Requirements

Of

BACHELOR OF PHARMACY

Submitted to

Jawaharlal Nehru Technological University

HYDERABAD

by

J.PRADEEP REDDY (15171R0067)

K.CHANDRIKA (15171R0038)

M.BHARGHAVI (15171R0044)

P.DEEPIKA (15171R0031)

Under the guidance of

Dr. A VenkataBadarinarath, M.Pharm., Ph.D.

Dept. of Pharmaceutics



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R.R. Dist. - 501 510, Telangana

**SYNTHESIS, CHARACTERIZATION AND ANTIHELIMINTIC STUDY OF NOVEL
SUBSTITUTED BENZIMIDAZOLE DERIVATIVES**

A Thesis Submitted in Partial Fulfillment of the Requirements

Of

BACHELOR OF PHARMACY

Submitted to

Jawaharlal Nehru Technological University

HYDERABAD

by

A.SOWJANYA (15171R0008)

K.SHRAVAN (15171R0061)

M.DURGA (15171R0011)

P.VIVEK REDDY (15171R0063)

Under the guidance of

Dr.Mriamay Das M.Pharm, Ph.D

Dept. of Pharmaceutical Organic Chemistry



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R.R. Dist. - 501510, Telangana

A PROJECT REPORT ON
FORMULATION, CHARACTERIZATION AND INVITRO EVALUATION OF
ISONIAZID MICROSPHERES

A Thesis Submitted in Partial Fulfillment of the Requirements

Of

BACHELOR OF PHARMACY

Submitted to

Jawaharlal Nehru Technological University

HYDERABAD

By

K.LIKHITHA PURNA (15171R0005)

N.SHIRISHA (15171R0015)

S.AKHILA (15171R0029)

B.PRASHANTHI (15171R0033)

Under the guidance of

Dr. Y.PHALGUNA M.Pharm., Ph.D

Dept. of Pharmaceutics



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MANGALAPALLY (V), IBRAHIMPATNAM (M), R.R. DIST -501510

STATEMENT OF SCORES

ASSESSMENT OF INTERNSHIP OF 6th YEAR PHARM.D

(DOCTOR OF PHARMACY)
ACADEMIC YEAR 2018-2019

Registration No: 13171T0001

Name of the candidate: SARIKONDA SREEKAR VARMA

S.NO	Assessment Criteria	Maximum Scores	Scores Secured
1	Proficiency of knowledge required for each case management	5	03
2	The Competency in skills expected for providing clinical pharmacy services	5	04
3	Responsibility, Punctuality, work up of case, involvement in patient care	5	04
4	Ability to work in a team (Behavior with other healthcare professionals including medical doctors nursing staff and colleagues)	5	04
5	Initiative, participation in discussions, research aptitude	5	03

Poor	Fair	Below Average	Average	Above Average	Excellent
0	1	2	3	4	5

Note: A Score of less than 3 in any of above items will represent unsatisfactory completion of membership

Verified by DR. TESHU THANKACHAN

Signature of the Head of the institution

(With Seal)

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Ibrahimpatnam (M), R.R. Dist - 501510



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MANGALAPALLY (V), IBRAHIMPATNAM (M), R.R. DIST -501510

STATEMENT OF SCORES

ASSESSMENT OF INTERNSHIP OF 6th YEAR PHARM.D(POST BACCALAUREATE)

(DOCTOR OF PHARMACY)
ACADEMIC YEAR 2018-2019

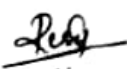
Registration No: 16175T0004

Name of the candidate: SYED MUKHTAR RAZI

S.NO	Assessment Criteria	Maximum Scores	Scores Secured
1	Proficiency of knowledge required for each case management	5	04
2	The Competency in skills expected for providing clinical pharmacy services	5	03
3	Responsibility, Punctuality, work up of case, involvement in patient care	5	03
4	Ability to work in a team (Behavior with other healthcare professionals including medical doctors nursing staff and colleagues)	5	04
5	Initiative, participation in discussions, research aptitude	5	04

Poor	Fair	Below Average	Average	Above Average	Excellent
0	1	2	3	4	5

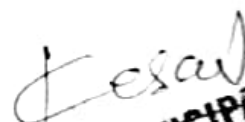
Note: A Score of less than 3 in any of above items will represent unsatisfactory completion of membership

Verified by DR. TESU. THANKACHAN 

Signature of the Head of the institution

(With Seal)







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STATEMENT OF SCORES

ASSESSMENT OF INTERNSHIP OF 6th YEAR PHARM.D(POST BACCALAUREATE)

(DOCTOR OF PHARMACY)
ACADEMIC YEAR 2018-2019

Registration No: 13171T0006

Name of the candidate: ZOHA

S.NO	Assessment Criteria	Maximum Scores	Scores Secured
1	Proficiency of knowledge required for each case management	5	04
2	The Competency in skills expected for providing clinical pharmacy services	5	03
3	Responsibility, Punctuality, work up of case, involvement in patient care	5	03
4	Ability to work in a team (Behavior with other healthcare professionals including medical doctors nursing staff and colleagues)	5	04
5	Initiative, participation in discussions, research aptitude	5	04

Poor	Fair	Below Average	Average	Above Average	Excellent
0	1	2	3	4	5

Note: A Score of less than 3 in any of above items will represent unsatisfactory completion of membership

Verified by DR. TESU THANKACHAN

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PHARMACEUTICS -M. PHARM (2018-2019)-PROJECT VIVA LIST

S.NO	HALL TICKET NO	NAME OF THE STUDENT	TITLE
1	13171S0303	S. INDU REKHA	FORMULATION & EVALUATION OF EXTENDED RELEASE TABLETS OF BOSENTAN
2	13171S0305	G.BHARGAVI	FORMULATION & EVALUATION OF FAST DISSOLVING TABLETS OF RIZATRIPTON
3	15171S0301	B.SANGEETHA	FORMULATION & EVALUATION OF GASTRO RETENTIVE DRUG DELIVERY SYSTEM CONTAINING PROPRANOLOL.HCL
4	15171S0304	K.YASHASREE	FORMULATION & EVALUATION OF TELMISARTAN SOLID DISPERSION OF ENCAPSULATION USING DIFFERENT POLYMER
5	16171S0307	K.NAGAJYOTHI	DESIGN AND OPTIMIZATION OF DILTIAZEM MATRIX TABLETS AS SUSTAINED RELEASE
6	15171S0313	T.THIRUPATHAIAH	FORMULATION AND INVITRO EVALUATION OF PRAZOSIN.HCL NANOPARTICLES
7	15171S0315	M.BOBBI KUMAR	FORMULATION,CHARACTERIZATION OF POLYMERIC NANOPARTICLES OF DOCETABINE
8	17171S0301	DONKESHWAR PRASANTH	EFFECT OF POLYMERS IN THE FORMULATION OF SUSTAINED RELEASE TABLETS OF GUAIFESIN USING VARIOUS HYDROPHILIC POLYMERS
9	17171S0302	G.MOUNIKA	FORMULATION AND INVITRO CHARACTERIZATION OF LAMIVUDINE MICROSPHERES FOR SUSTAINED DRUG DELIVERY
10	17171S0303	K.JAGRUTHI	FORMULATION AND INVITRO EVALUATION OF ITOPRIDE FAST DISSOLVING TABLETS USING SUPERDISINTEGRANTS



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11	17171S0304	KRUTHIKA LALIT	FORMULATION AND INVITRO EVALUATION OF KETOPROFEN USING B-CYCLODEXTRIN CAPPED SILVER NANOPARTICLES
12	17171S0305	MADDI SWETHA	FORMULATION AND EVALUATION OF PITAVASTATIN NANOPARTICLES
13	17171S0306	MEKAPOTHULA PAVANI	FORMULATION AND INVITRO EVALUATION OF ANASTROZOLE LOADED TRANSFEROSOMAL GELS
14	17171S0308	P.BHARATH KUMAR	FORMULATION AND EVALUATION OF FLOATING MICROSPHERS OF REPAGLINIDE BY IONIC GELATION METHOD
15	17171S0309	R.SWAPNA	FORMULATION AND INVITRO EVALUATION OF EPIRUBICIN ORGANOGELS
16	17171S0310	TALLAPALLY KAVERI	FORMULATION AND INVITRO EVALUATION OF OPALONOSETRON MICROSPONGES



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Mangalpally (Village), Ibrahimpatnam (Mandal), Ranga Reddy District-501510

CERTIFICATE

This is to certify that the research work entitled **"FORMULATION & INVITRO EVALUATION OF KETOPROFEN USING β -CYCLODEXTRIN CAPPED SILVER NANOPARTICLES"** submitted to Jawaharlal Nehru Technological University Hyderabad in the partial fulfillment for the award of degree of **MASTER OF PHARMACY** in **Pharmaceutics** is a bonafide work carried out by **KRUTHIKA LALIT** (Reg.No.17171S0304) during the academic 2018-2019 under the guidance and supervision of **Dr. Y. Phalguna** M.Pharm., Ph.D., Associate professor, HOD, Department of Pharmaceutics

The results embodied in this thesis have not been submitted to any other university or institute for the award of any degree or diploma.



P. Phalguna
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Ibrahimpatnam (M), R. R. Dist.

Kesaw

Antiatherosclerotic Activity Of *Annona reticulata*



**PROJECT PROTOCOL SUBMITTED TO THE JAWAHARLAL NEHRU
TECHNOLOGICAL UNIVERSITY-HYDERABAD IN PARTIAL FULFILMENT
FOR THE AWARD OF THE DEGREE OF**

**MASTER OF PHARMACY
IN
(PHARMACOLOGY)**

***Submitted by*
MANTEPALLY PRASHANTH KUMAR (M.Pharm)
Regd. No .1717180107**

***Under the supervision of*
Mrs. PASUPULATI. HARITHA,**

**M.Pharm , Ph.D
Associate Professor
Department of Pharmacology**



**Bharat Institute of Technology (Pharmacy)
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501510

Jawaharlal Nehru Institute of Technology



**Bharat Institute of Technology
Mangalpally, Ibrahimpatnam, Hyderabad-501510**

PROJECT PROTOCOL

2018-19

1.	Name of the Student	ASIYA SHAHNAZ
2.	Name of the Branch	Hospital & Clinical Pharmacy (HCP)
3.	Name of the Course	M. Pharmacy
4.	Registration Number	17171S0503
5.	Date of Submission of Protocol	
6.	Name of the Institutional Guide & Designation	Dr. SHIBNATH KAMILA Professor ; HOD- Hospital Pharmacy Bharat Institute of Technology - Pharmacy
	Name of the Institutional Co-Guide & Designation	Dr. M. KIRANMAI Professor; HOD-Pharmaceutical Chemistry Bharat Institute of Technology - Pharmacy
7.	Name of the Clinical Guide & Designation	
8.	Title of the Project Topic	A Prospective Evaluation of Anti-Inflammatory Activity of <i>Tinospora cordifolia</i> (Guduchi Ghana) extract loaded Silver Nanoparticles for treating Gouty Arthritis.
9.	a) Does the study require any investigations or interventions to be conducted on patients or on animals? If so describe briefly. No, therapeutic interventions or investigations are required. Patients medical records will be reviewed and patients will be interviewed briefly for collecting the information about their medical and physical condition as required. Patient's site with the pain (joint) will be examined under supervision of registered medicinal practitioner with his consent and improvement before and after application of the GEL formulated. b) If Yes, to obtain the clearance within 3 months from the date of protocol submission: - NA	
10.	Place of Study to be conducted: Bharat Institute of Technology & Dr BRKR Ayurvedic hospital.	



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INTRODUCTION:

Gout is an inflammatory joint disease, associated with an elevated uric acid level in blood which further leads to the deposition of urate crystals in the joints and kidneys followed by painful inflammation, gouty arthritis, and uric acid nephrolithiasis. Xanthine oxidase (XO) is responsible for oxidation of hypoxanthine to xanthine and finally xanthine to uric acid. Over activity of this enzyme and increased intake of dietary food rich in nucleic acids (e.g. meat, leguminous seeds) impair renal excretion of uric acid and result in hyperuricemia and gout [1].

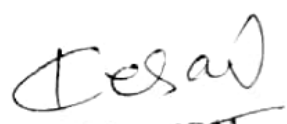
Inflammation is the complex response of the immune system to infection and injury that leads to removal of offending factors and restoration of tissue structure and physiological function [12]. The symptoms of inflammation are characterized by pain, heat, redness, swelling and loss of function. It can be classified into two major types either acute or chronic, based on the duration of the inflammatory reaction. Though initiated as a protective phenomenon, loss of regulation of this complex process can lead to the development of various inflammatory disorders[2].

Another alternative method to develop newer anti-inflammatory agents with sustained release and better efficacy is the use of nanotechnology for drug development and delivery. Nanotechnology deals with the synthesis and fabrication of materials at the nanoscale level (1-100 nm). Among the various nanoparticles available, silver nanoparticles are gaining more importance due to their diversified biological properties and potential applications. Silver has been used since ancient times for the treatment of wounds and inflammation and nanoparticles of silver have been developed which have potent anti-inflammatory and anti-oxidant activities[2].

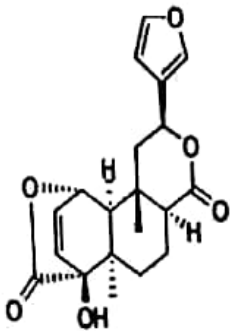
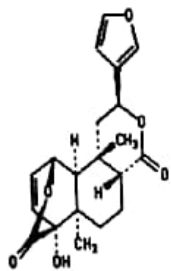
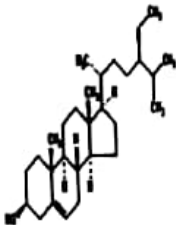
Silver nanoparticles can be synthesized by various physical and chemical methods, however they are costly, cumbersome and toxic to the environment. The use of biological systems as potential nanofactories has been widely explored as they are economical and eco-friendly. Plant extracts contain phyto-chemicals which aid in the reduction of the silver ions. The added advantage of using plants is that the alkaloids or also act as capping agents, thereby conferring the silver nanoparticles with additional pharmacological properties[2].

Tinospora cordifolia (commonly referred as Amrita or Guduchi) is a large, glabrous, climbing shrub indigenous to tropical Indian subcontinent and other Asian countries belonging to the family Menispermaceae. A variety of constituents have been isolated from *Tinospora cordifolia* from different parts such as alkaloids, diterpenoid lactones, steroids, glycosides, aliphatic compounds and polysaccharides. It is widely used especially for immune-modulatory, cardio-protective and hepato-protective. In Ayurveda, it has shown Anti-rheumatic, anti-gout activity, it has also shown beneficial effect in diabetic foot ulcers and allergic rhinitis[3].




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Plant Active Metabolites: -

S. No	ACTIVE CHEMICAL	STRUCTURE	ACTION	SAFETY REFERENCE
1.	Isocolumbin (<i>Tinospora cordifolia</i>)		Isocolumbin has both Anti-Inflammatory and anti-microbial activity. Both Isocolumbin and columbin has a significant anti-inflammatory activity.	M Rai, SS Gupta; J Res Ind Med., 1966, 10, 113-6. VK Pendse, AP Dadhich, PN Mathur, MS Bal Madam; Indian J Pharm Sci, 2000, 62, 257. CHEMISTRY AND MEDICINAL PROPERTIES OF TINOSPORA CORDIFOLIA (GUDUCHI)
2.	Columbin (<i>Tinospora cordifolia</i>)		Columbin possess anti-inflammatory, anti-tumor, and inhibition of enzyme activity.	M Rai, SS Gupta; J Res Ind Med., 1966, 10, 113-6. VK Pendse, AP Dadhich, PN Mathur, MS Bal Madam; Indian J Pharm Sci, 2000, 62, 257. CHEMISTRY AND MEDICINAL PROPERTIES OF TINOSPORA CORDIFOLIA (GUDUCHI)
3	β-sitosterol (<i>Tinospora cordifolia</i>)		glucocorticosteroid induced osteoporosis in early inflammatory arthritis.	M Rai, SS Gupta; J Res Ind Med., 1966, 10, 113-6. VK Pendse, AP Dadhich, PN Mathur, MS Bal Madam; Indian J Pharm Sci, 2000, 62, 257. CHEMISTRY AND MEDICINAL PROPERTIES OF TINOSPORA CORDIFOLIA (GUDUCHI)



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NEED OF THE STUDY:

The drugs used in inflammatory disorders may be either insignificant anti-inflammatory effects or mild to moderate anti-inflammatory activity. These drugs can cause gastric or intestinal ulceration that can sometimes cause secondary anemia including the liver damage to ultimate failure.

The present study is undertaken to synthesize silver particles using the aqueous extract of *Tinospora cordifolia* and to evaluate the silver nanoparticles for anti-inflammatory activity. Thus by synthesizing silver nanoparticles using *Tinospora cordifolia* extract, the potential advantages of phytomedicine and nanomedicine will be combined to result in a more enhanced and synergistic anti-inflammatory effect.

PATIENTS AND METHODS: -

AIM AND OBJECTIVE

AIM: - The aim of the study is Evaluation of Anti-Inflammatory Activity of *Tinospora cordifolia* (Guduchi Ghana) extract loaded Silver Nanoparticles for treating Gouty Arthritis.

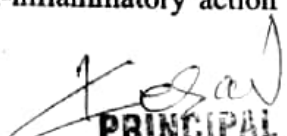
OBJECTIVE: -

1. Collection and authentication of plant by botanist.
2. To prepare plant extract and silver Nanoparticles loaded with plant extract
3. Characterization of silver Nanoparticles loaded with plant extract using UV-Visible spectroscopy , FTIR, X-RD, Zeta potential and scanning electron microscopy(SEM).
4. To prepare herbal gel formulation.
5. To conduct skin irritation test
6. To evaluate the efficacy of herbal gel formulation for anti-inflammatory action among the study population.

STUDY DESIGN

- A prospective open – label, non – randomized, outpatient-based, single centered study that will be carried out to determine the efficacy of drug for anti-inflammatory action among the study population.




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- Patients with C/O inflammation both Male and Female aged about (Male 30-50yr) and (Female pre and post menopause) will be selected in our studies and with their consent will be performed for 1 month using test (GEL) drug.
- The test ayurvedic GEL will be applied on their different joints (preferred) or region where inflammation is occurring and with necessary precautions.
- The data is will be collected from the different groups of patients after therapy.
- The result will be calculated by using statistical tools.

STUDY SITE: - Bharat Institute of Technology and Dr. B.R.K.R. government Ayurvedic hospital, Erragadda, Hyderabad, (T.S)

STUDY PERIOD: - The study was proposed to be conducted for the period of 6 months.

PREPARATION OF HERBAL GEL: -

Gel Formulation :

S.No	Ingredients
1.	Carbopol 934
2.	Glycerine
3.	Sodium carboxy methyl cellulose
4.	Silver Nanoparticles
5.	Preservatives (methyl paraben, propyl paraben)
6.	Distilled Water-vehicle (%)

Preparation of Herbal Gel Formulation:

Preparation of Extract:

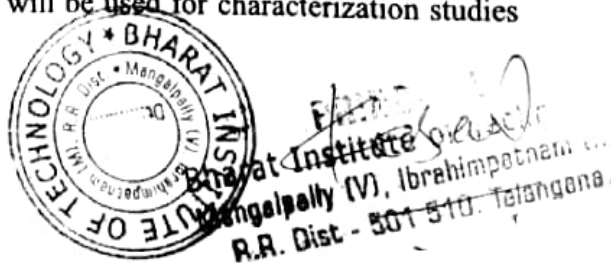
The stems of *Tinospora cordifolia* will be dried in hot air oven at 55°C for 20 min. The stems will be grinded mechanically to make powder.

☐ Preparation of hydro –alcoholic extract:

Powder (100g) will be defatted with petroleum ether and extracted with ethanol(95% v/v) with distilled water (80:20) using Soxhlet extraction apparatus. The filtrate obtain will be subjected to dryness at 100°C on water bath to give a residue.(4)

☐ Synthesis of silver nanoparticles:

To 100 ml of 1mM AgNO₃ solution, 1 gm of the aqueous extract *Tinospora cordifolia* will be added and the mixture will be kept in a magnetic stirrer for 2 hrs. The mixture will be then centrifuged at 3000 rpm for 10 min and the residue will be used for characterization studies



(UV-Visible spectroscopy, FTIR, X-RD, Zeta potential and scanning electron microscopy (SEM)).(6)

Preparation of Topical Gel :

200 ml — 1 gm
Herbal gel will be prepared using carbopol-934 as a gelling agent in 1% w/w concentration with deionized water using mechanical stirrer. With continuous stirring, other ingredients like glycerine will be added. 1 % w/w herbal extract will be added to the gel and stir for sufficient time homogeneous mixing of extracts in gel base. Further, the topical formulation will be evaluated with physicochemical evaluation(pH, viscosity, spreadability etc.). Prepare gel will be filled in collapsible tubes and stored at cool and dry place.(6)

Toxicity Studies:

Skin irritation test will be done on rabbits based on standard statistical tools.

INCLUSION CRITERIA:

- ☐ Patients both Male and Female, Men usually develop it between the ages of 30 and 50.
Women are more prone to gout after menopause
- ☐ Patient diagnosed with joint inflammation.
- ☐ Patient able to provide information consent by written or by oral modes.
- ☐ Patients who are not hospitalized (out-patient status)

EXCLUSION CRITERIA:

- ☐ Patients of Age < 18
- ☐ Impaired renal and hepatic function (creatinine ≥ 2.0 mg/dl)
- ☐ Lactating women/ patients.

EVALUATION PROCEDURE

Tools used

- Patients pro forma will be designed to collect the data in order to obtain information regarding the clinical efficacy of the Gel,
- The McGill Pain Questionnaire will be used to evaluate a person experiencing significant pain.
- The data of test drug will be analyzed for its comparative Anti-Inflammatory effects using statistical analysis.



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PLAN OF WORK

Protocol Preparation



Designing the patient data collection form.



Seeking permission for ethical committee.



Preparation of formulation.



Recruitment of study population of patients suffering with joint pain disorder.



Data collection & evaluation for the potency of drug on different age groups.



Calculation and statistical Evaluation.



Report and submission of Thesis



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A Prospective Evaluation of Anti-Inflammatory Activity of *Tinospora cordifolia* (Guduchi Ghana) extract loaded Silver nanoparticles for treating Gouty Arthritis

PATIENT DATA COLLECTION FORM

Patient Name: _____

Age _____ **Gender** _____ **Weight** _____

Date of Admission _____ **Address:** _____

Mob NO: _____

HISTORY: -

HISTORY OF PRESENT ILLNESS: -

PAST MEDICAL HISTORY: -

DRUGS USED PREVIOUSLY: -

FAMILY HISTORY: -

PATIENT ALLERGIC TO ANY SPECIFIC FOOD/SUBSTANCE/CHEMICAL



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EVALUATION OF PATIENTS

Questionnaires	Score before treatment	Score after 3 days treatment	Score after 7 days treatment
How Strong is Your Pain?			
How Does Your Pain Change with Time?			
Any precipitating factor increases or decreases Pain			
Progression of the pain with days after usage of gel			

*NOTE: - scores will be calculated based on McGill Pain Questionnaire

Interpretation:

- minimum pain score: 0 (would not be seen in a person with true pain)
- maximum pain score: 3
- The higher the pain scores the greater the pain.

Signature of participant

Signature of investigator



Handwritten signature
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Bharatpur, (V2), B.R. Nagar,
Mangalpur, (V2), B.R. Nagar,
R.R. Dist. - 501 540, Telangana

INFORMED PATIENT CONSENT FORM

Subject identification number for this trial _____

Title of the Project:

Name of the Principal Investigator _____ Tel. No. _____

I have received the information sheet on the above study and have read and / or understood the written information.

I have been given the chance to discuss the study and ask questions.

I consent to take part in the study and I am aware that my participation is voluntary.

I understand that I may withdraw at any time without this affecting my future care.

I understand that the information collected about me from my participation in this research and sections of any of my medical notes may be looked at by responsible persons (ethics committee members / regulatory authorities). I give access to these individuals to have access to my records.

I understand I will receive a copy of the patient information sheet and the informed consent form.

Signature / Thumb Impression of subject

Date of signature

Printed name of the subject in capitals

Signature / Thumb Impression of legally
Accepted representative

Date of signature

Printed name of legally acceptable representative in capitals



[Handwritten signature]

Relationship of legally accepted representative to subject in capitals

Signature of the person conducting the
Informed consent discussion

Date of Signature

Printed name of the person conducting the
Informed consent discussion in capitals

Signature of impartial witness

Date of signature

Printed name of the impartial witness in capitals



Tesaw

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ANNEXURE -II

SHORT-FORM McGill PAIN QUESTIONNAIRE

Patient Name: _____

Age: _____

Weight: _____

Gender: _____

Cell No _____

Date: _____

PAIN PROSPECTIVE	NONE	MILD	MODERATE	SEVERE
THROBBING				
SHOOTING				
STABBING				
SHARP				
CRAMPING				
HOT-BURNING				
ACHING				
HEAVY				
TENDER				
TIRING-EXHAUSTING				
PUNISHINGCRUEL				

NO PAIN |-----| WORST POSSIBLE
PAIN



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REFERENCES:-

- Indian medicinal plants useful in treatment of gout: A review for current status and future prospective, Bhupinder Kapoor, Gagandeep Kaur, Mukta Gupta, Reena Gupta. Vol 10, Issue 11, 2017
- Journal of Nanomedicine & Nanotechnology Published Date: February 08, 2015
Aparna Mani KM, Seethalakshmi S, Gopal V (2015) Evaluation of In-vitro Anti-Inflammatory Activity of Silver Nanoparticles Synthesised using Piper Nigrum Extract. J Nanomed Nanotechnology 6:268. doi:10.4172/2157-7439.1000268
- A Review on *Tinospora cordifolia*
*U. Spandana, Shaik Liakhat Ali, T.Nirmala, M.Santhi, SD. Sipai Babu
International Journal of Current Pharmaceutical Review and Research IJCPR, May-July 2013; 4(2); 61-68
- A review on urocosuric activity of *Tinospora cordifolia* Palak A. Shah and Gaurang B. Shah Bangladesh J Pharmacol 2015; 10: 884-890.
- M Rai, SS Gupta; J Res Ind Med., 1966, 10, 113-6.
VK Pendse, AP Dadhich, PN Mathur, MS Bal Madam; Indian J Pharm Sci, 2000, 62, 257. CHEMISTRY AND MEDICINAL PROPERTIES OF *TINOSPORA CORDIFOLIA* (GUDUCHI)
- Development and Evaluation of Gel Incorporated with Synthesized Silver Nanoparticle from *Ocimum gratissimum* for the Treatment of Acne Vulgaris
S Lakshmana Prabul*, A Umamaheswaril, S Rajakumar, PL Bhuvaneswaril and S Muthupetchi. Published 2017.



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Jawaharlal Nehru Institute of Technology



Bharath Institute of Technology – Pharmacy
Mangalpally, Ibrahimpatnam, Hyderabad – 501510
PROTOCOL FOR PROJECT STUDY
2018 – 2019

1.	Name of the Student	SYEDA NASMA FATIMA
2.	Name of the Branch	Hospital and Clinical Pharmacy (HCP)
3.	Name of the Course	M. Pharmacy
4.	Registration Number	17171S0508
5.	Date of Submission of Protocol Review	
6.	Name of the Institutional Guide and Designation	Dr. SHIBNATH KAMILA, PhD Associate Professor, HOD-Dept. of Pharmacy Practice Bharat Inst. of Technology
7.	Name of the Clinical Guide and Designation	
8.	Title of the Project Topic	A Prospective Clinical Study to Evaluate the Efficacy of Nootropic Hair Nourishment Oil.
9.	a) Does the study require any investigations or interventions to be conducted on patients or animals? If so describe briefly No, therapeutic investigations or interventions are required. It is a topical application as a form of hair oil. The effect will be evaluated based on interview about the beneficial action of the formulation.	
10.	Place of Study to be conducted: Bharat Institute of Technology and DR. B.R.K.R government Ayurvedic hospital and College, Erragadda, Hyderabad, Telangana.	



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Protocol

INTRODUCTION:

In Ayurvedic approach, falling of hair is coined out as in term of 'Khalitya'. "Medhya" is an Ayurvedic concept that implies intellect or wisdom. The word "Memory" refers to the faculty by which the mind stores and remembers information. It is the power or process of reproducing or recalling what has been learned and retained especially through associative mechanisms. Mild forgetfulness and short term memory loss are common complaints in people as they age.

Hair nourishment and grooming aids have become increasingly popular throughout the world. Preparations available in the market for men include hair creams, liquid brilliantines, pomades and solid brilliantines, tonics, lotions and conditioners and for women wave sets, hair sprays, special rinses and lotions, brilliantines and conditioners. There are number of herbal plants, utilized in hair care formulations.

Nootropics are class of cognitive enhancing supplement that improve concentration and boost memory. Nootropics are often used to increase attention spans, help individuals focus and as studying aids. Nootropics referred to as "smart drugs" as they are associated with increased intelligence, motivation, and mental energy.

The objective of the study is to formulate hair nourishment oil applied topically which imparts hair growth, nourishment as well as improve memory and concentration by the incorporation of herbal drugs.

The ingredients used in the formulation of hair oil are *Phyllanthus emblica*, *Cinnamomum verum*, *Aloe vera*, *Sesamum indicum*, *Prunus dulcis*, *Cocos nucifera*, *Santalum album*, *Eclipta prostrate*, *Rosmarinus officinalis*. *Phyllanthus emblica* (Amla) is medhya nurturing for the mind and enhancing coordination among dhi (acquisition), dhriti (retention), and smriti (recall). It helps sharpen the intellect and mental functioning. It supports the nervous system and strengthens the senses. The researchers found that increased ingestion of cinnamon dramatically improved the memory of poor-learning mice. A study published in *Nutritional Neuroscience* found that *Aloe vera* reduced depression and improved memory in mice. Massaging your head with warm Sesame oil stimulates hair growth, controls dandruff, nourishes

the scalp. Almond have been proven to enhance brain functions, memory power and cognitive performance. A use of coconut oil is as a potential treatment for dementia and Alzheimer's disease. Sandalwood oil has been noted for its ability to boost the memory and support concentration, thereby reducing anxiety and stress. Bhringraj oil helps in maintaining the natural colour of hair. Rosemary stimulates cell division and dilates blood vessels and, in turn, stimulates hair into producing new hair growth.

Plant Active Metabolites:

S.NO	PLANT INGREDIENTS	ACTION
1.	<i>Phyllanthus emblica</i>	It is medhya nurturing for the mind and enhancing coordination among dhi (acquisition), dhriti (retention), and smriti (recall). It helps sharpen the intellect and mental functioning. It supports the nervous system and strengthens the senses.
2.	<i>Cinnamomum verum</i>	The researchers found that increased ingestion of cinnamon dramatically improved the memory of poor-learning mice.
3.	<i>Aloe vera</i>	A study published in <i>Nutritional Neuroscience</i> found that <i>Aloe vera</i> reduced depression and improved memory in mice.
4.	<i>Sesamum indicum</i>	Massaging your head with warm Sesame oil stimulates hair growth, controls dandruff, nourishes the scalp.
5.	<i>Prunus dulcis</i>	It have been proven to enhance brain functions, memory power and cognitive performance.



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6.	<i>Cocos nucifera</i>	Uses of coconut oil is as a potential treatment for dementia and Alzheimer's disease.
7.	<i>Santalum album</i>	Sandalwood oil has been noted for its ability to boost your memory and support concentration, thereby reducing anxiety and stress
8.	<i>Eclipta prostrata</i>	Bhringraj oil helps in maintaining the natural colour of your hair.
9.	<i>Rosmarinus officinalis</i>	It stimulates cell division and dilates blood vessels and, in turn, stimulates hair into producing new hair growth.

LITERATURE REVIEW:

1. Mani Vasudevan and Milind Parle (2007) study was aimed at investigating the effects of Anwala churna (*Emblica officinalis* Gaertn.), an Ayurvedic preparation on memory. ^[1]
2. Khushbu k. Modi et al (2016) Cinnamon Converts Poor Learning Mice to Good Learners: Implications for Memory Improvement. ^[2]
3. Sumita Halder et al (2013) *Aloe vera* improves memory and reduces depression in mice. ^[3]
4. Shijna Kappally et al (2015) COCONUT OIL – A REVIEW OF POTENTIAL APPLICATIONS. In the neurological disorder Alzheimer's disease (AD), memory loss and cognitive decline occurs because of death of brain cells. ^[4]
5. Zheng Feng et al (2004) Long-term effects of melatonin or 17 β -estradiol on improving spatial memory performance in cognitively impaired, ovariectomized adult rats. OVX Sprague-Dawley rats received daily injections of melatonin (5, 10 and 20 mg/kg) or 17 β -estradiol (E2, 80 μ wk. g/kg) or sesame oil for 16 wk. Morris water maze results showed that ovarian steroid deprivation resulted in spatial memory impairment, while

melatonin and E2 significantly ameliorated spatial memory deficits in OVX rats. These findings demonstrate the important effects of melatonin and E2 on cholinergic neurons and support the potential application of melatonin in the treatment of dementia in postmenopausal women. [5]

6. Zehra Batool et al (2016) Repeated administration of almonds increases brain acetylcholine levels and enhances memory function in healthy rats while attenuates memory deficits in animal model of amnesia. [6]
7. Songhee Jeon et al (2011) A modified formulation of Chinese traditional medicine improves memory impairment and reduces A β level in the Tg-APPswe/PS1dE9 mouse model of Alzheimer's disease. [7]
8. R. K. Roy et al (2008) Hair growth promoting activity of *Eclipta alba* in male albino rats. [8]
9. Panahi Y et al (2015) Rosemary oil vs minoxidil 2% for the treatment of androgenetic alopecia: a randomized comparative trial. The present study aimed to investigate the clinical efficacy of rosemary oil in the treatment of androgenetic alopecia (AGA) and compare its effects with minoxidil 2%. Patients with AGA were randomly assigned to rosemary oil (n = 50) or minoxidil 2% (n = 50) for a period of 6 months. In contrast, both groups experienced a significant increase in hair count at the 6-month endpoint compared with the baseline and 3-month endpoint (P < .05). [9]

NEED FOR STUDY:

The word "Nootropic" comes from the Greek for "to bend or shape the mind." The formulated hair oil is used to enhance memory, concentration and as well as for the hair growth. The effect of the formulated hair oil is good on the hair and memory.

The formulation has a beneficial effect on the human volunteers. It is also used as a preventive therapy for Alzheimer's disease and Dementia.

PATIENTS AND METHODS:

AIM: - To perform "A Prospective Clinical Study to Evaluate the Efficacy of Nootropic Hair Nourishment Oil."



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OBJECTIVE:

- Selection and Authentication of plant ingredients by the Botanist.
- Collection of the ingredients.
- To prepare the formulation using the ingredients.
- To perform toxicity studies in animals.
- To study drug efficacy of formulated hair nourishment oil for nootropic action and hair growth on healthy human volunteers.

STUDY DESIGN:

Single, blind, placebo, controlled, parallel, and randomized phase-1 clinical study.

STUDY SITE: BHARAT INSTITUTE OF TECHNOLOGY .

STUDY PERIOD: The study is proposed to be conducted for 6 months.

STUDY POPULATION: Around 30 healthy human volunteers for 15days and follow up.

ETHICS: The study is to be conducted as per ethical guidelines.

APPLICATION: As a hair oil.

PREPARATION OF MEDICATED OINTMENT:

FORMULATION:

Botanical Name	Common Name	Family	Part used	For 100 ml
<i>Phyllanthus emblica</i>	Amla, Indian gooseberry.	Phyllanthaceae	Powder from the fruits.	40%
<i>Cinnamomum verum</i>	Cinnamon	Laurels	Powder from the bark.	20%
<i>Aloe vera</i>	Indian Aloe	Asphodelaceae	Gel from the leaves.	40%
<i>Sesamum indicum</i>	Sesame	Pedaliaceae	Oil from the seeds.	30%

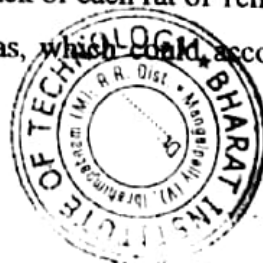
<i>Prunus dulcis</i>	Almond	Rosaceae	Oil from the fruits.	20%
<i>Cocos nucifera</i>	Coconut	Arecaceae	Oil from the fruits.	40%
<i>Santalum album</i>	Sandal wood	Santalaceae	Powder from the bark.	10%
<i>Eclipta prostrata</i>	Bhringraj	Asteraceae	Powder of the flower.	30%
<i>Rosmarinus officinalis</i>	Rosemary	Lamiaceae	Powder of the leaves.	10%

PREPARATION OF HERBAL HAIR OIL:

- Initially the drugs which are to be powdered are dried in the shade so that there will be no loss of the active metabolites for 48 hours.
- Then the drugs are powdered and passed through sieve number 100 to make it a fine powder of the drugs.
- The oil of all the other drugs is mixed together to form oil base.
- The powdered drugs are then added to the oily base to form a uniform mixture and heated on a water bath.
- Now allow the mixture to settle for 2 days and then again heat it on water bath.
- Sonication process is carried out after heating.
- Centrifugation is performed after this and the supernatant oil is collected after centrifugation.
- Transfer the formulated oil into a suitable container.

TOXICITY STUDIES:

The prepared formulation is assessed for primary skin irritation test. Six healthy rats were selected for the study. Each rat was caged individually food and water given during the test period 24 hrs prior to the test. The hair from the back of each rat of 1 cm² was shaved on the side of the spine to expose sufficiently large test areas, which could accommodate three test sites



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were cleaned with surgical spirit. Measured quantity (1ml) (5% w/w) of the formulations (OD1, OD2 and OD3) were applied over the respective test sites on one side of the spine and observed for erythema and edema for 48hrs after application.

INCLUSION CRITERIA:

- Study subjects should be > 18 years.
- Healthy human volunteers either male or female.
- Subjects who are willing to participate and signing informed consent form.
- Subjects who are not on any other memory enhancement therapy.
- Subjects who are ready to not to take any other medication during the course of the study unless there is serious illness or in case of emergency.

EXCLUSION CRITERIA:

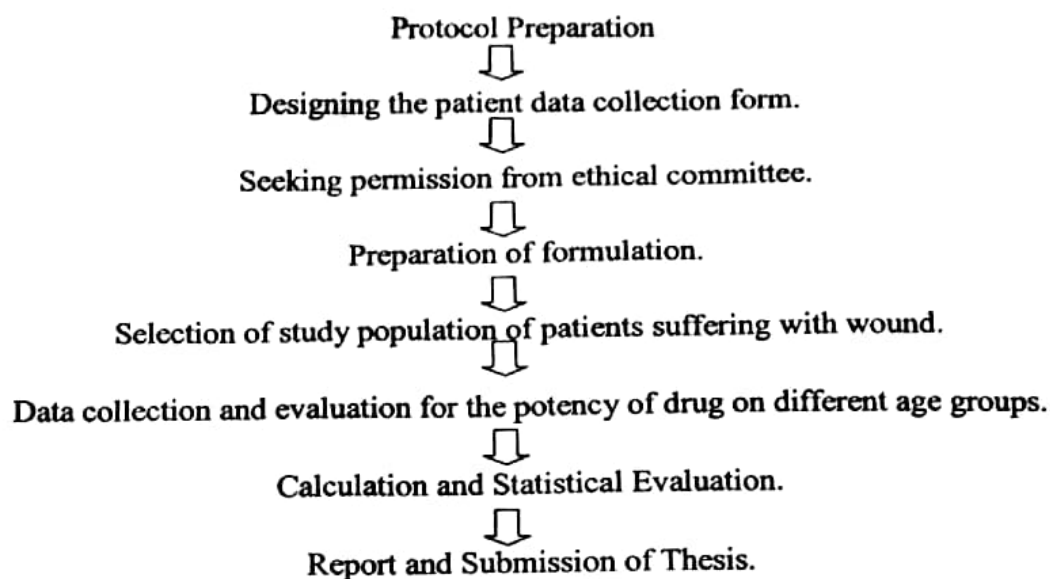
- Subjects below 18 years of age.
- Unhealthy human volunteers.
- Patients suffering from psychological problems.
- Subjects who are not willing to participate and not signing informed consent form.
- Pregnant women and lactating mother.
- Subjects who for at least 1 week prior to study have used any drugs, alcohol or indulge in smoking.

EVALUATION PROCEDURE

Tools Used

- Patient proforma is designed in such a way in order to obtain information regarding the clinical efficacy of formulated HERBAL HAIR OIL.
- The Questionnaire is used to evaluate the people.
- Data of test drug will be analyzed for its enhancement action in the memory and hair growth.

PLAN OF WORK



REFERENCE:

1. Mani Vasudevan and Milind Parle, Memory enhancing activity of Anwala churna (*Emblica officinalis* Gaertn.): An Ayurvedic preparation, Science Direct, 2007, 91, 46-54.
2. Khushbu K. Modi, Suresh B. Rangasamy, Sridevi Dasarathi, Avik Roy, Kalipada Pahan, Cinnamon Converts Poor Learning Mice to Good Learners: Implications for Memory Improvement, Journal of Neuroimmune Pharmacology, 2016, 11, 693-707.
3. Sumita Halder, Ashish k. Mehta, Pramod k. Mediratta, *Aloe vera* improves memory and reduces depression in mice, Nutritional Neuroscience, 2013, 16, 250-254.
4. Shijna Kappally, Arun Shirwaikar and Annie Shirwaikar, COCONUT OIL – A REVIEW OF POTENTIAL APPLICATIONS, Journal of Drugs and Medicines, 2015, 7, 149.



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5. Zheng Feng, Yong Cheng, Jun-tian Zhang, Long-term effects of melatonin or 17 β -estradiol on improving spatial memory performance in cognitively impaired, ovariectomized adult rats, *Journal of Pineal Research*, 2004, **37**, 198-206.
6. Zehra Batool, Sadia Sadir, Laraib Liaquat, Saiqa Tabassum, Syeda Madiha, Sahar Rafiq, Sumayya Tariq, Tuba Sharf Batool, Sadia Saleem, Fizza Naqvi, Tahira Perveen, Saida Haidar, Repeated administration of almonds increases brain acetylcholine levels and enhances memory function in healthy rats while attenuates memory deficits in animal model of amnesia, *Brain Research Bulletin*, 2016, **120**, 63-74.
7. Songhee Jeon, Shambhunath Bose, Jinyoung Hur, Kiyoungh Jun, Young-Kyoon Kim, Kyoung Sang Cho, Byung-Soo Koo, A modified formulation of Chinese traditional medicine improves memory impairment and reduces A β level in the Tg-APP^{swe}/PS1^{dE9} mouse model of Alzheimer's disease, *Journal of Ethnopharmacology*, 2011, **137**, 783-789.
8. R. K. Roy, Mayank Thakur, V. K. Dixit, Hair growth promoting activity of *Eclipta alba* in male albino rats, *Archives of Dermatological Research*, 2008, **300**, 357-364.
9. Panahi Y, Taghizadeh M, Marzony ET, Sahebkar A, Rosemary oil vs minoxidil 2% for the treatment of androgenetic alopecia: a randomized comparative trial, *Europe PMC Plus*, 2015, **1**, 15-21.

PATIENT INFORMED CONSENT FORM

Subject identification number for this trial _____

Title of the project:

Name of the principal investigator: _____ Tel. No. _____

I have received the information sheet on the above study and have read and / or understood the written information.

I have been given the chance to discuss the study and ask questions.

I consent to take part in the study and I am aware that my participation is voluntary.

I understand that I may withdraw at any time without this affecting my future care.

I understand that the information collected about me from my participation in this research and sections of any of my medical notes may be looked at by responsible persons (ethics committee members / regulatory authorities). I give access to these individuals to have access to my records.

I understand I will receive a copy of the patient information sheet and the informed consent form.

Signature/ Thumb impression of subject

Date of Signature

Printed name of the subject in capitals

Signature/ Thumb impression of the legally accepted representative

Date of Signature



[Signature]
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A Prospective Clinical Study to Evaluate the Efficacy of Nootropic Hair Nourishment Oil

Name:	Age:	Date
Gender:	Address:	Mobile No.:
Body Temp:	Pulse Rate:	Blood Pressure:

Skin Rash: Yes ☐ NO ☐

GIT- Disturbance: Yes ☐ NO ☐

Life Style:

A. Food Habit:

Vegetarian ☐

Non-Vegetarian ☐

B. Exercise:

Yes ☐

No ☐

If yes How Long?

Education qualification:

S.S.C ☐

Intermediate ☐

Graduation ☐

Others :

Questionnaire:

➤ Have you had any prior memory instruction or training?

Yes

NO

IF yes, then what type of training you had undergone

.....

➤ What are your reasons for taking the workshop training?

.....

➤ How would you rate your memory in term of learning and adopting the situations?

Major problems

some minor problems

no problem



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2.	Memorize the squares test (online)			
3.	Olfactory test			
	➤ Smell test			
	➤ Taste buds test			
4.	Visual memory test			
	➤ Test 1			
	➤ Test 2			
5.	Mathematic calculation test			
6.	Telephone number test			

SHORT TERM MEMORY TEST

A list of 16 words will be given to the subject for 5 minutes and the subject will be asked to remember as many words as possible. After 5 minutes the subject will be asked to represent the words on a blank paper. Total number of words remembered by the subject is calculated.

List of words to be remembered:

Maze	Pencil	Balloon	Lunch box
Separate	Delicious	Chair	City
Pirate	Mistake	Traffic	Stairs
Cloth	Norway	Bamboo	Knob

Express the remembered words below in the give table:



Handwritten signature: T. esav
Bharat Institute of Technology
 Mangalpally (V), Ibrahimpatnam
 R.R. Dist - 501 510, Telangana

MEMORIZE THE SQUARES TEST (ONLINE)

About the test

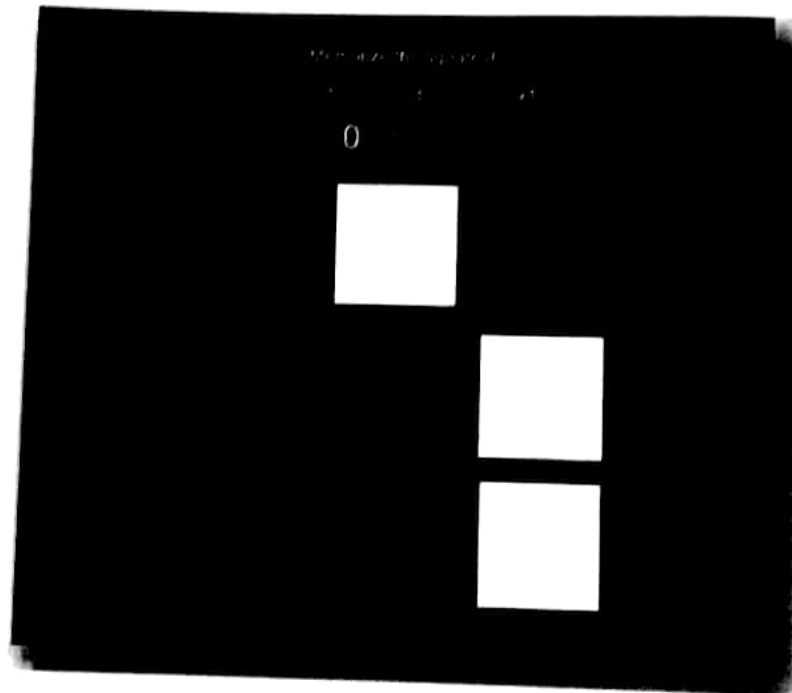
Every level, a number of tiles will flash white. Memorize them, and pick them again after the tiles are reset!

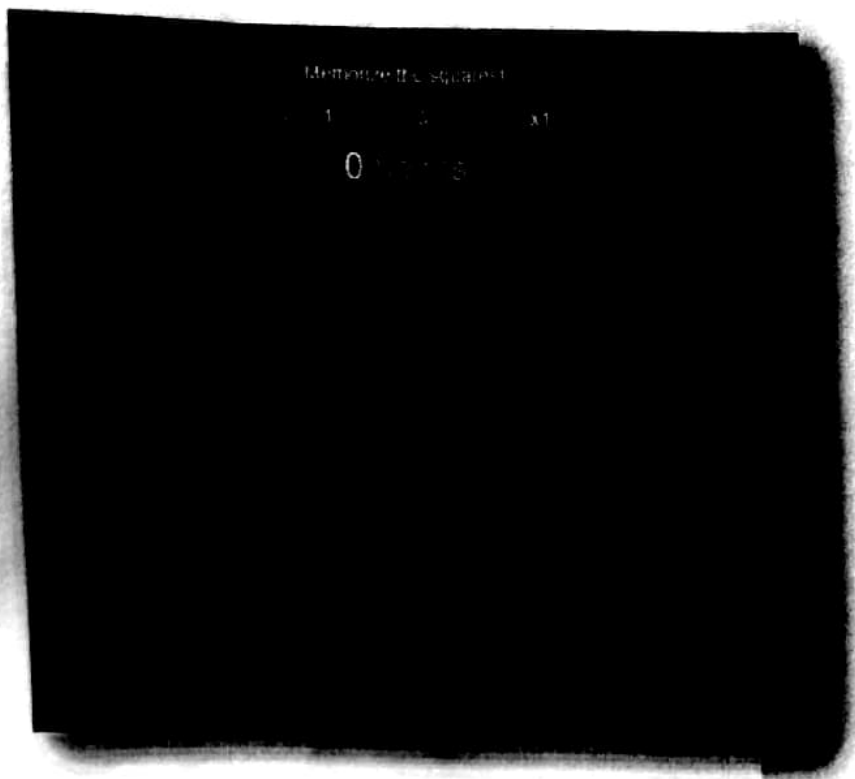
Levels get progressively more difficult, to challenge your skills.

Each click is scored by $\text{COMBO} \times \text{LEVEL}$.

If you miss a tile, the COMBO counter resets.

If you miss 3 tiles on a level, you go back one level, and lose one life.





Kesav

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TELEPHONE NUMBER TEST

Below provided telephone numbers are given to the subject for 5-10 minutes in order to memorize them.

After 5-10 minutes the subject is asked to recall the telephone numbers. The number of telephone numbers recalled correctly is noted.

S.NO	Name of Office	Telephone Number
1	Prime minister	040-28210186
2	Parliament house	040-27428936
3	Government of Telangana	040-233310521
4	Chief minister	040-25104891
5	District collector	040-25697158
EMERGENCY NUMBERS		
6	Fire station	040-81564723
7	Police station	040-61536485
8	Blood bank	040-85694235
9	Ambulance	040-85209306
10	Hospital	04025614824



tesaw
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Mangalpally (Village), Ibrahimpatnam (Mandal), Ranga Reddy District – 501510.

CERTIFICATE

This is to certify that **CHINNI SRAVANI REDDY** Regd. No. **1317110023** has satisfactorily completed the course of Internship Practical in Krishna Institute of Medical sciences Ltd., which is in Memorandum of Understanding with our college as designed by PCI and submitted to JNTUH for course during the academic year 2018-2019.

[Signature]
22/2/19

Signature of Faculty

[Signature]

Head of the Department

Internal Examiner

[Signature]
22/2/19

External Examiner



BHARAT INSTITUTE OF TECHNOLOGY (PHARMACY)
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Mangalpally (Village), Ibrahimpatnam (Mandal), Ranga Reddy District - 501510.

CERTIFICATE

This is to certify that K . Harika Regd. No. 1317110011 has satisfactorily completed the course of Internship Practical in Krishna Institute of Medical sciences Ltd., which is in Memorandum of Understanding with our college as designed by PCI and submitted to JNTUH for course during the academic year 2018-2019.

Regd
22/2/19

Signature of Faculty

Regd
22/2/19

Head of the Department

Regd
22/2/19

Internal Examiner

Regd
22/2/19

External Examiner

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Regd
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R.R. Dist - 501 510, Telangana.



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Mangalpally (Village), Ibrahimpatnam (Mandal), Ranga Reddy District - 501510.

CERTIFICATE

This is to certify that RAASAM SAI JYOTHSNA Regd. No. 13171T0012
satisfactorily completed the course of Internship Practical in Krishna Institute of
Medical sciences Ltd., which is in Memorandum of Understanding with our
college as designed by PCI and submitted to JNTUHI for course during the
academic year 2018-2019.


22/2/19

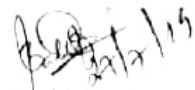
Signature of Faculty


22/2/19

Head of the Department


22/2/19

Internal Examiner


22/2/19

External Examiner

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PRINCIPAL
Bharat Institute of Technology
Mangalpally (V), Ibrahimpatnam (M)
R.R. Dist - 501 510: Telangana



BHARAT INSTITUTE OF TECHNOLOGY (PHARMACY)
(Approved by AICTE & PCI, NEW DELHI AND Affiliated to JNTU, Hyderabad)
Mangalpally (Village), Ibrahimpatnam (Mandal), Ranga Reddy District - 501510.

CERTIFICATE

This is to certify that PITCHIKA SUBHADRA Regd. No. 13171T0021 has satisfactorily completed the course of Internship Practical in Krishna Institute of Medical sciences Ltd., which is in Memorandum of Understanding with our college as designed by PCI and submitted to JNTUH for course during the academic year 2018-2019.

[Signature]
22/2/19

Signature of Faculty

[Signature]

Head of the Department

[Signature]
22/2/19

Internal Examiner

[Signature]
22/2/19

External Examiner

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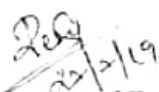
[Signature]
PRINCIPAL
Bharat Institute of Tech
Mangalpally (V), Ibrahimpatnam
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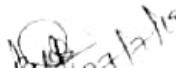
CERTIFICATE

This is to certify that **PITCHIKA SUBHADRA** Regd No 13171T0021 has satisfactorily completed the course of Internship Practical in Krishna Institute of Medical sciences Ltd., which is in Memorandum of Understanding with our college as designed by PCI and submitted to JNTUH for course during the academic year 2018-2019.


Signature of Faculty


Head of the Department


Internal Examiner


External Examiner

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R.R. Dist



BHARAT INSTITUTE OF TECHNOLOGY

Mangalpally (V), Ibrahimpatnam (M), R. R. District (AP) – 501510

(Approved by AICTE & PCI, New Delhi and Affiliated to JNTUH, Hyderabad)

V Yr Pharm D & II Yr Pharm D (PB) Project List (AY:2018-2019)

Batch No	Roll No.	Student Name	Institutional Guide Name	Hospital Guide Name
1.	Impact of intravenous proton pump inhibitors in prevention and management of upper GI bleeding in critical care unit.			
	14171T0010	K.Akshitha Reddy	Ms. Kiran Verma	Dr. Sethu Babu, MBBS (AU), MD (Int Med) (OU). DM (Gastroenterology)
	14171T0012	K.Sri Hasanthi		
2.	Comparision of clinical outcomes between cefaperazone + sulbactum, piperacillin + tazobactum as Empirical therapy in UTI.			
	14171T0004	A.Sai Bashitha	Mrs. B. Uma Rajeshwari	Dr.E. Ravi, MD, DM, Consultant Nephrologist
	14171T0026	Ch.Srinidhi		
3.	Comparitive clinical study of warfarin and rivaroxaban (newer anti-coagulant) in the treatment of Venous thromboembolism with respect to efficacy and side effects.			
	14171T0018	P.Trishanka Reddy	Ms. Ashwini	Dr. Shivaraju, MBBS, MD (Internal medicine), DIP.
	14171T0021	T.Sai Priya Reddy		
4.	Role of calcitrol in chronic kidney disease - mineral bone disorder in dialysis patients.			
	14171T0014	M.Roja	Mrs. Nirmala Bharathi	Dr.G. Diwakar Naidu, MBBS,MD, DM (Nephrology)
	14171T0020	S.Niharika Reddy		
5.	Effectiveness of fixed dose combination (ciclesonide, formoterol and tiotropium) therapy in the management of COPD.			
	14171T0007	D.Lakshmi Prasanna	Dr.Sneha.V.Reddy	Dr.V.V.Ramana Prasad, MBBS, MD (Pulmology)
	14171T0008	G.Nishitha Reddy		
6.	Deceased donor kidney transplant with ATG induction and triple immunosuppressive agents (Tacrolimus, MMF, Prednisolone)			
	14171T0011	K.Shobha	Dr.G.Suma Latha	Dr.Sreedhar Reddy, MD, DM, Consultant Nephrologist
	14171T0025	P.Sai Priya		
7.	Outcomes of living related kidney transplant recipient with triple immunosuppesants (tacrolimus, mycophenolate, corticosteroids) at 6 months post transplantation.			



[Signature]
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	14171T0017	P.Keerthi	Dr. Divya	Dr.Sreedhar Reddy, MD, DM, Consultant Nephrologist
	14171T0022	T.Akhila		
8.	Efficacy and safety of sacubitril/valsartan and valsartan on heart failure patients in tertiary care centre.			
	14171T0016	P.Sarika	Dr. Shibnath Kamila	Dr.Dayasagar Rao, MBBS, MD (Cardiology)
	14171T0027	S.Avani Prakash		
9.	Clinical effect of formoterol and glycopyrronium in copd patients.			
	14171T0009	J.Pravallika	Dr. T. Tesy	Dr.V.V.Ramana Prasad, MBBS, MD(Pulmology)
	14171T0019	G.Priyanka		
10.	Clinical spectrum of sodium glucose co transporter (SGLT2) inhibitors in dual or triple therapy in type II diabetes patients in tertiary care centre.			
	14171T0002	A.Bhavananjali	Dr. V. Sneha	Dr .Shiva Raju, MBBS, General Medicine
	14171T0003	A.Gayathri		
	14171T0023	G.Ram Charan		
	14171T0024	M.Sudesh		
12.	A project on safety and efficacy of cefoperazone - sulbactam and piperacillin - tazobactam in sepsis in medical intensive care unit.			
	14171T0001	A.Sravya Reddy	Dr. C. Kiranmai	Dr. Praveen Kumar Kulkarni, MBBS, MD, (General Medicine)
	14171T0006	Ch.Eeshitha		



Tesay
PRINCIPAL
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**OUTCOME OF LIVING RELATED KIDNEY TRANSPLANT RECIPIENT
WITH TRIPLE IMMUNOSUPPRESSANTS (TACROLIMUS,
MYCOPHENOLATE, STEROIDS) AT 6 MONTHS POST
TRANSPLANTATION.**

PROJECT REPORT



Dissertation work submitted to Jawaharlal Nehru Technological University,
Hyderabad, in partial fulfillment of requirements for the degree of
Doctor of Pharmacy (Pharm.D)

Submitted by

P.KEERTHI (14171T0017)

T.AKHILA (14171T0022)

UNDER THE GUIDANCE OF

<u>Institutional Guide</u>	<u>Hospital Guide</u>
Dr. DIVYA KULKARNI Assistant Professor, PHARMLD BIT-Pharmacy	Dr.Sreedhar Reddy MBBS,DNB(Paed),DNB(Nephro) Consultant Nephrologist Department of Nephrology KIMS



BHARAT INSTITUTE OF TECHNOLOGY
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2018-2019



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Hyderabad - 501 509, Telangana.

IMPACT OF INTRAVENOUS PROTON PUMP INHIBITORS IN PREVENTION AND MANAGEMENT OF UPPER GASTRO INTESTINAL BLEEDING IN CRITICAL CARE UNIT.

PROJECT REPORT



Dissertation work submitted to Jawaharlal Nehru Technological University,
Hyderabad, in partial fulfillment of requirements for the degree of

Doctor of Pharmacy(Pharm.D)

Submitted by

KAKSHITHA REDDY (14171T0010)

K.SHRJ HASANTHI (14171T0012)

UNDER THE GUIDANCE OF

Hospital Guide	Institutional Guide
Dr.Sethu Babu M.D. D.M. Senior consultant Department of gastroenterology KIMS hospital.	Ms. Kiran Verma Asst Professor Bharat Institute Of Technology (Pharmacy).



**BHARAT INSTITUTE OF TECHNOLOGY
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2018-2019



Bharat Institute of Technology
Mangalpally - (W) - Ibrahimpatnam (A.
R.R. Dist - 501 040, Telangana.

COMPARISON OF THE CLINICAL OUTCOMES BETWEEN CEFOPERAZONE+SULBACTAM AND PIPERACILLIN+TAZOBACTAM AS EMPIRICAL THERAPY FOR URINARY TRACT INFECTIONS.

PROJECT REPORT



Dissertation work submitted to Jawaharlal Nehru Technological University,
Hyderabad, in partial fulfillment of requirements for the degree of

Doctor of Pharmacy(Pharm.D)

Submitted by

A.SAI BASHITHA (14171T0004)

CH.SRINIDHI (14171T0026)

UNDER THE GUIDANCE OF

Hospital Guide	Institutional Guide
Dr. E.RAVI M.D, D.M , Consultant Nephrologist Department of Nephrology KIMS hospital.	B. UMA RAJESHWARI Asst.Professor , Dept.Pharmaceutical biotechnology Bharat Institute Of Technology (pharmacy).



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2018-2019

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BHARAT INSTITUTE OF TECHNOLOGY

Mangalpally (V), Ibrahimpatnam (M), R. R. District (AP) – 501510

(Approved by AICTE & PCI, New Delhi and Affiliated to JNTUH, Hyderabad)

B. Pharm IV Yr II Semester Project List (AY:2019-2020)

Batch No	Roll No.	Student Name	Guide Name
1.	GENERIC SUBSTITUTION FOR BRAND-NAME MEDICINES A CROSS-SECTIONAL SURVEY		
	16171R0005	Papani Jyothi	Dr. N. Srinivas
	16171R0015	Banda Meena	
	16171R0029	BairiNandhini	
	16171R0046	ThimmidiYugandhar	
2.	SURVEY ON DEPRESSION DUE TO COVID-19 LOCKDOWN		
	16171R0003	MudavathVennela	Dr. Shibnath Kamila
	16171R0021	KadariMounika	
	16171R0037	Kandukuri Sandesh	
	16171R0041	More Murali	
3.	FORMULATION, CHARACTERIZATION AND EVALUATION OF MICROSPHERES CONTAINING ISONIAZID		
	16171R0012	PathuriUdaya Sri	Dr. Y. Phalguna
	16171R0031	PotharajuRevathi	
	16171R0032	I Srividya	
	16171R0042	Akavaram Shiva Reddy	
4.	PSYCHOLOGICAL BEHAVIOUR AND SOCIAL FACTORS INFLUENCING COVID-19 IN INDIA		
	16171R0022	Madugula Lakshmi Prasanna	Dr. S. Gurunath
	16171R0028	SamaYashasswi	
	16171R0033	Dharavath Krishnaveni	



R. S. 10/6/20
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	16171R0062	Dushwanth Kumar Kadari	
5.	DESIGNING AND DEVELOPMENT OF MEDICINAL PLANT GARDEN		
	16171R0017	VaditheDivyaSreeBai Chandra	Dr. Marina Dsouza
	16171R0026	GatlaSravya	
	16171R0061	BolishettiSharath	
	16171R0065	VislavathSrikanth	
6.	SYNTHESIS OF NOVEL BENZIMIDAZOLE DERIVATIVES AND EVALUATION OF ANTHELMINTIC ACTIVITY STUDY		
	16171R0020	Kadaganchi Sravanthi	Dr. Mrinmay Das
	16171R0030	K Manasa	
	16171R0034	Allam Krishna Keerthana	
	16171R0050	KotraKarunaSagar	
7.	THE FORMULATION AND <i>IN-VITRO</i> EVALUATION OF NICARDIPINE SUSTAINED RELEASE TABLETS		
	16171R0002	GuntiAnusha	Dr. Kitika Shenmer
	16171R0038	SunkariSaiShanker	
	16171R0047	KokkondaPradeep Reddy	
	16171R0059	Jammu Anil Pavan	
8.	EVALUATION OF THE KNOWLEDGE AND AWARENESS ON COVID-19 IN PUBLIC		
	16171R0007	SamidiAnjana	Mrs. P. Haritha
	16171R0040	PrajaktaPallamoni	
	16171R0053	NallaManideep	
	16171R0060	B Shubham	
9.	SYNTHESISANDANTIMICROBIALACTIVITYOF PYRAZOLINEDERIVATIVES		
	16171R0024	KambalapallyShilpa	Mr. P. Dineh



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		Reddy	
	16171R0027	K Saritha	
	16171R0044	Kethavath Nikhil Kumar	
	16171R0072	NandamYogeswari Devi	
10.	DESIGN AND INVITRO CHARACTERIZATION OF NITAXOZONIDE SUSTAINED RELEASE TABLETS		
	16171R0019	ChitellaMaheshwari	Mrs. Sangeetha
	16171R0015	KasturiRamya	
	16171R0029	MekalaRamana Reddy	
	16FA1R0014	Rajashekhar	
11. A	FORMULATION AND EVALUATION OF GASTRO-RETENTIVE FLOATING MICROSPHERES OF ACYCLOVIR		
	16171R0001	RaheemaKhatoon	Dr. P. Hyma
	16171R0004	Elmakanne Sri Ramya	
	16171R0010	R Shravani	
	16171R0023	Gadamalla Sony	
	16171R0045	Biradar Pavan Kumar	
11. B	FORMULATION AND EVALUATION OF NIOSOMAL GEL OF ACYCLOVIR		
	16171R0009	MandaTaruni	Dr. P. Hyma
	16171R0071	B Rajeshwari	
	16171R0073	BitlaJagadeeshwar	
	16171R0075	PrathapagiriTejaswini	
12.	FORMULATION AND EVALUATION OF POLYHERBAL CHEWABLE TABLETS TO TREAT ALLERGY		
	16171R0006	MallapallyNikhitha Reddy	Sumalatha
	16171R0011	Ajmeri Begum	
	16171R0014	GundukolaMounika	



	16171R0043	Dattatreya	
13.	FORMULATION AND <i>IN VITRO</i> EVALUATION OF LEFLUNOMIDE LOADED TOPICAL ETHOSOMAL GEL		
	16171R0055	LokasaniVivek Reddy	Dr. Ch. Vijayavani
	16171R0064	Abdul Riyaz	
	16171R0070	ShaikNazeer	
	16171R0074	B PreethiPrashamsa	
14.	STABILITY INDICATING RP-HPLC METHOD DEVELOPMENT AND VALIDATION FOR SIMULTANEOUS ESTIMATION OF SOFOSBUVIR AND VELPATASVIR IN BULK AND PHARMACEUTICAL DOSAGE FORM		
	16171R0008	PathlavathNeha	Mrs. S. Namratha
	16171R0013	Neha Sultana	
	16171R0018	MutyalaKeerthana	
	16171R0069	Bellamkonda Ajay Kumar	
	16171R0016	NenawathMayukhi	



R.S. 4/8/19.

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Mangalpally (V), Ibrahimpatnam (M), R.R. Dist.

(Approved by AICTE & PCI, New Delhi and A.P. State Government)

1.3.2
19-20
Projects

V Yr Pharm D & II Yr Pharm D (PB) Project List (AY:2019-2020)

Batch No	Roll No.	Student Name	Institutional Guide Name	Hospital Guide Name
1.	Clinical study of efficacy of Poly Ethylene Glycol (PEG) versus Lactulose in patients with IBS- C and Functional Constipation.			
	15171T0019	Nakka Sri Bhavani Abhishiktha	Dr. Shibnath kamila	Dr. Nitesh Pratap, DNB (Medicine), DNB (Gastroentrology)
	15171T0018	Garima		
2.	A Retrospective study on Incidence of NODAT in post kidney transplant patients on immunosuppresants.			
	15171T0006	Keesara Srivathsasa	Dr. Kezia K Sam	Dr.V.S.Reddy, MD, DM Nephrology Consultant
	15171T0011	Dharanikota Meghana		
	15171T0017	Kistipati Bhavana		
3.	Response to levodopa/carbidopa combination in patients with Parkinson plus Syndromes. A prospective observational study.			
	18175T0001	Cheguri Akhila Reddy	Dr. Kezia K Sam	Dr. Jaya Sree. M, MD, DM, Consultant Neurologist
	18175T0005	Salma Tasneem		
4.	A study on antibiotic protocol in elective orthopedic surgeries.			
	15171T0002	Vaka Pratyusha	Mrs. P.Haritha	Dr. Uday Krishna, M.SC, M.Ch (ORTHO)
	15171T0013	Kasu Harshitha		
	15171T0028	Rangineni Praneet		
5.	Impact of preadmission antibiotics and current antibiotics on the clinical outcome of critically ill patients.			
	15171T0003	Pannala Keerthi Reddy	Dr.G.Sumalatha	Dr. Sethu Babu, MBBS (AU), MD (Int Med) (OU). DM (Gastroenterology) Dr. Y. Satya Tejaswini Clinical Pharmacist
	15171T0004	Rathnavath Mounika		
	15171T0015	Vissapragada Bhavani Alekhya		
6.	Comparison study between short acting and long acting erythropoiesis stimulating agents in chronic kidney disease and anemia in patients undergoing hemodialysis: Safety and Efficacy outcomes			
	15171T0012	Besu Sowmya	Mrs. Pushpa	Dr.E. Ravi, MD, DM.



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	15171T0016	Putnala Anusha		Consultant Nephrologist
	15171T0026	Aakunuri Akhil		
7.	Impact of colistin monotherapy versus combination therapy on patient's clinical outcomes and safety.			
	15171T0001	Nikita Samnani	Dr. Ch. Ascharya	Dr.G. Diwakar Naidu, MBBS,MD, DM (Nephrology) Dr. Y. Satya Tejaswni Clinical Pharmacist
	15171T0005	Pisati Mounika Reddy		
	15171T0027	Puligari Praveen Reddy		
8.	A clinical study on Rationalization of meropenem among critically ill patients in a tertiary care hospital			
	15171T0010	Arikeri Shalini	Dr. Ch. Ascharya	Dr. Shivaraju, MBBS, MD (Internal medicine), DIP.
	15171T0024	Md. Kamaluddidin Omer		
	15171T0029	Godishala Nikitha		
9.	Retrospective study of Pemetrexed induced nephrotoxicity.			
	15171T0007	Punukula Hari Chandana	Ms. Kiran verma	Dr. Narendra Kumar Thota, MBBS, MD, [Medical Oncology]
	15171T0009	Chalamalasetti Bhavya		
	15171T0021	Kallem Sharat Venkat Reddy		
10.	Evaluation of hydroxychloroquines induced retinopathy in systemic lupus erythematosus patients			
	15171T0014	GajulaSriteja	Dr. Marina D'Souza	Dr .Sarath Chandra Mouli V, MD(NIMS), MRCP(UK)
	15171T0020	Dandayala Pavankalyan		
12.	Risk factors of Intracranial haemorrhage in patients taking anticoagulant therapy.			
	18175T0002	EramSarosh	Dr. N. Srinivas	Dr. Praveen Kumar Yada, MBBS, MD, DM(NEUROLOGY)
	18175T0003	Maimuna Fatima		
	18175T0004	MD Bilal		



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R. R. Dist - 626 511 Tirunelveli

BHARAT INSTITUTE OF TECHNOLOGY
MANGALPALLY, IBRAHIMPATNAM, HYDERABAD

V YR PHARM D ATTENDANCE SHEET
PROJECT STUDENT LIST

SL. No.	Hall Ticket No.	Name	Signature
1.	15171T0001 ✓	Samnani Nikita	Ny
2.	15171T0002 ✓	Vaka Pratyusha	Praty
3.	15171T0003 ✓	Pannala Keerthi	Keerthi
4.	15171T0004 ✓	Rathnavath Mounika	Mounika
5.	15171T0005 ✓	Pisati Mounika Reddy	Mounika reddy
6.	15171T0006 ✓	Keesara Srivathsasa	Srivathsasa
7.	15171T0007 ✓	Punukula Harichandana	Harichandana
8.	15171T0008 ✓	Munagala Laharika	Laharika
9.	15171T0009 ✓	Chalamalasetti Bhavya	Bhavya
10.	15171T0010 ✓	Arikeri Shalini	Shalini
11.	15171T0011 ✓	Dharanikota Meghana	Meghana
12.	15171T0012 ✓	B Sowmya	Sowmya
13.	15171T0013 ✓	Kasu Harshitha	Harshitha
14.	15171T0014 ✓	Gajula Sri Teja	Teja
15.	15171T0015 ✓	Vissapragada Bhavani Alekhya	Alekhya
16.	15171T0016 ✓	P Anusha	Anusha
17.	15171T0017 ✓	Kistipati Bhavana	Bhavana
18.	15171T0018 ✓	Garima	Garima
19.	15171T0019 ✓	Nakka Sri Bhavani Abhishiktha	Bhavani
20.	15171T0020 ✓	Dandyala Pavan Kalyan	Pavan Kalyan
21.	15171T0021 ✓	K Sharat Venkat Reddy	Sharat Venkat Reddy
22.	15171T0024	Mohammed Kamaluddin Omer	Kamaluddin Omer
23.	15171T0026 ✓	Aakunuri Akhil	Akhil
24.	15171T0027	Puligari Praveen Reddy	Praveen Reddy
25.	15171T0028 ✓	Rangineni Parikshith Rao	Parikshith Rao
26.	15171T0029 ✓	G Nikitha	Nikitha



B. S. K. S. P.

PRINCIPAL
Bharat Institute of Technology
Mangalpally (V), Ibrahimpatnam (M),
R.R. Dist - 501 510 Telangana

PROJECT TITLE LIST

PHARM.D 5TH YEAR

2019-2020

Batch.no	Roll.no	Guide	Topic
1	15171T0006 15171T0011 15171T0017	Dr. V. Satti Reddy	Incidence of NODAT in post kidney transplant
2.	15171T0002 15171T0013 15171T0028	Mrs. Haritha Pasupulati	A study on Antibiotic efficacy in elective orthopedic surgery
3.	15171T0007 15171T0009 15171T0021	Dr. Narender kumar thota	Pemetrexed induced Nephrotoxicity in NSCLC- patients
4.	15171T0003 15171T0004 15171T0015	Dr.Sethu Babu	Impact of Antibiotics and current antibiotics on the clinical outcome of patients
5.	15171T0012 15171T0016 15171T0026	Ms.Twila puspha	Comparative study between short acting and long acting ESA in CKD patient s
6.	15171T0010 15171T0025 15171T0029	Dr.CH. Ascharya	Clinical study on Rationalization of Meropenem among critically ill patients
7.	15171T0008	Mrs Twila puspha	A prospective open lable comparative study of efficacy of otilonium bromide and Mebeverine hydrochloride
8.	15171T0001 15171T0005 15171T0014	Dr.sai krushna reddy	A Prospective study Management of COPD and clinical outcome in patients
9.	15171T0019 15171T0020 15171T0018	Dr. S.Gurunath	Assesment of Prescriptin pattern of antibiotics in pediatric population of secondary care hospital



Principal
Bharat Institute of Technology
Ibrahimpatnam (V), Ibrahimpatnam (M),
R.R. Dist = 501 507, Telangana

**A PROJECT REPORT
ON
“A PROSPECTIVE OPEN LABEL COMPARATIVE STUDY OF
EFFICACY OF OTILONIUM BROMIDE AND MEBEVERINE
HYDROCHLORIDE IN DIARRHOEA PREDOMINANT IRRITABLE
BOWEL SYNDROME [IBS-D]”.**

2019 - 2020



DISSERTATION

**Submitted to Jawaharlal Nehru Technological University,
Hyderabad**

**In partial fulfilment of the requirement for the award of Degree of
DOCTOR OF PHARMACY**

SUBMITTED BY

MUNAGALA. LAHARIKA

15171T0008

Under the Esteemed Guidance of

INSTITUTIONAL GUIDE

Ms. P. TWILA PUSHPA

Asst. Professor

Bharat Institute of Technology- Pharmacy

HOSPITAL GUIDE

DR. NITESH PRATAP

DNB (Medicine), DNB

(Gastroenterology)

Consultant

Gastroenterologist and

Therapeutic endoscopist.

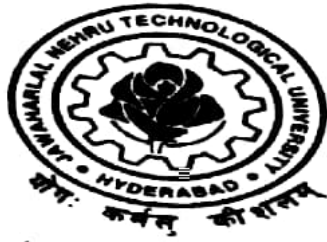
KIMS



Handwritten signature and date: 08.08.2020

CLINICAL STUDY ON RATIONALIZATION OF MEROPENEM AMONG CRITICALLY ILL PATIENTS IN TERTIARY CARE HOSPITALS.

PROJECT REPORT



Dissertation work submitted to Jawaharlal Nehru Technological University, Hyderabad, in partial fulfillment of requirements for the degree of

Doctor of Pharmacy (Pharm.D)
Submitted by

ARIKERI SHALINI (15171T0010)
MD.KAMAL OMER(15171T0025)
NIKITHA GODISHALA (15171T0029)

UNDER THE GUIDANCE OF

INSTITUTIONAL GUIDE	HOSPITAL GUIDE
Dr.CH.ASCHARYA Asst.Professor Bharat Institute of Technology- Pharmacy	Dr . SHIVA RAJU MBBS, MD, SENIOR CONSULTANT PHYSICIAN &DIABETOLOGIST



BHARAT INSTITUTE OF TECHNOLOGY

MANGALPALLY, IBRAHIMPATNAM, HYDERABAD-501510

2019-2020



Principal
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Bharat Institute of Technology
Mangalpally, Ibrahimpatnam (MH)
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Ch. S. Ch. S.
Ch. S. Ch. S.

Bharat Institute of Technology
Mangalpally, Ibrahimpatnam (MH)
R.R. Dist. 501510

**A PROJECT REPORT
ON
COMPARITIVE STUDY BETWEEN SHORT ACTING AND LONG
ACTING ERYTHROPOIESIS STIMULATING AGENTS(ESA'S) IN
CHRONIC KIDNEY DISEASE IN PATIENTS UNDERGOING
HEMODIALYSIS: SAFETY AND EFFICACY OUTCOMES".**

2019 - 2020



DISSERTATION

Submitted to Jawaharlal Nehru Technological University,
Hyderabad

In partial fulfilment of the requirement for the award of Degree of

DOCTOR OF PHARMACY

SUBMITTED BY

BESU. SOWMYA

15171T0012

PUTNALA. ANUSHA

15171T0016

AKUNURI. AKHIL

15171T0026

Under the Esteemed Guidance of

INSTITUTIONAL GUIDE

HOSPITAL GUIDE

Mx. P. TWILA PUSHPA

Dr. E. RAVI

Asst. Professor

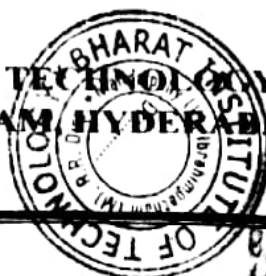
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NEPHROLOGIST



**BHARAT INSTITUTE OF TECHNOLOGY
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Bharat Institute of Technology
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IMPACTS OF PREADMISSION ANTIBIOTICS AND CURRENT ANTIBIOTICS ON THE CLINICAL OUTCOME OF CRITICALLY ILL PATIENTS

PROJECT REPORT



Dissertation work submitted to Jawaharlal Nehru Technological university,
Hyderabad in partial fulfilment of requirements for the degree of

DOCTOR OF PHARMACY (PHARM.D)

Submitted by

P. KEERTHI REDDY	(15171T0003)
R. MOUNIKA	(15171T0004)
V. BHAVANIALEKHYA	(15171T0015)

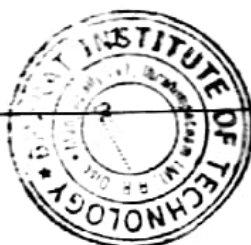
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Dr. Sethu babu M.B.B.S MD (internal medicine) D.M (Gastroenterology)	Dr. G. SUMALATHA Assoc Professor DEPT.OF PHARMACOGNOSY BIT



BHARAT INSTITUTE OF TECHNOLOGY

MANGALPALLY, IBRAHIMPATNAM, HYDERABAD-501510 (2019-2020)



Ch. S. K. R.
Principal
Bharat Institute of Technology
Mangalpally (V), Ibrahimpatnam (M)
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PEMETREXED INDUCED NEPHROTOXICITY IN NSCLC PATIENTS- A RETROSPECTIVE STUDY

PROJECT REPORT



Dissertation work submitted to Jawaharlal Nehru Technological University,
Hyderabad, in partial fulfillment of requirements for the degree of

Doctor of Pharmacy (Pharm.D)

Submitted by

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CH.BHAVYA (15171T0009)

K.SHARAT REDDY (15171T0021)

UNDER THE GUIDANCE OF

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BHARAT INSTITUTE OF TECHNOLOGY

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**A PROJECT REPORT
ON
"A STUDY OF ANTIBIOTIC EFFICACY IN ELECTIVE
ORTHOPEDIC SURGERY".**

2019 - 2020



DISSERTATION

**Submitted to Jawaharlal Nehru Technological University,
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**In partial fulfilment of the requirement for the award of Degree of
DOCTOR OF PHARMACY**

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VAKA. PRATYUSHA

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Asst. Professor

Department of Pharmacology

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M.Sc, M.Ch

Department of

Orthopedic, KIMS

**BHARAT INSTITUTE OF TECHNOLOGY
MANGALPALLY, IBRAHIMPET, HYDERABAD**



PRINCIPAL
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Dist: 501 510

RETROSPECTIVE STUDY OF INCIDENCE OF NODAT IN POST KIDNEY TRANSPLANT PATIENTS ON IMMUNOSUPPRESSANTS

PROJECT REPORT



Dissertation work submitted to Jawaharlal Nehru Technological University,
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Submitted by

KEESARA SRIVATHSASA

(15171T0006)

DHARANIKOTA MEGHANA

(15171T0011)

K.BHAVANA (15171T0017)

UNDER THE GUIDANCE OF

HOSPITAL GUIDE	INSTITUTIONAL GUIDE
Dr. V. Satti Reddy MBBS, M.D., D.M(Nephrology) Consultant Nephrologist Department of Nephrology, KIMS	Dr. Kezia Sam Asst.Professor Department of pharmacy practice BIT-Pharmacy



BHARAT INSTITUTE OF TECHNOLOGY

MANGALPALLY, IBRAHIMPATNAM, HYDERABAD-501510

2019-2020



PRINCIPAL
Bharat Institute of Technology
Mangalpally (V), Ibrahimpatnam (R)
R.R. Dist - 501 510, Telangana

**A PROJECT REPORT
ON
"A STUDY OF ANTIBIOTIC EFFICACY IN ELECTIVE
ORTHOPEDIC SURGERY".**

2019 - 2020



DISSERTATION

**Submitted to Jawaharlal Nehru Technological University,
Hyderabad**

**In partial fulfillment of the requirement for the award of Degree of
DOCTOR OF PHARMACY**

SUBMITTED BY

VAKA. PRATYUSHA

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Asst. Professor

Department of Pharmacology

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Dr. UDAY KRISHNA

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**BHARAT INSTITUTE OF TECHNOLOGY
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R.H. Dist. 501 510. Telangana.

CLERKSHIP RECORD

2016-2017

Pharm.D (PB) IInd Year
(DOCTOR OF PHARMACY)



Submitted by

MD YAWAR ULLAH KHAN

REGD. NO. :15175T0004

Submitted to

Dr.NISA FIRDOUS, Asst Prof

DEPARTMENT OF PHARM. D

**BHARAT INSTITUTE OF TECHNOLOGY, PHARMACY
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R.R.District, HYDERABAD-501510

**(Affiliated to Jawaharlal Nehru Technological University -
Hyderabad.)**



CB. S. K. 18
PRINCIPAL
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R.R. Dist - 501 510. Telangana.



BHARAT INSTITUTE OF TECHNOLOGY

Mangalpally (V), Ibrahimpatnam (M), R. R. District (AP) – 501510

(Approved by AICTE & PCI, New Delhi and Affiliated to JNTUH, Hyderabad)

M. Pharm Project Completed Students List (AY: 2019-2020)

Batch No	Roll No.	Student Name	Guide Name
1.	Multimodality approaches for patients with gastroesophageal reflux disease		
	18171S1503	Zeenath Anjum	Dr. Shibnath Kamila
2.	Formulation and evaluation of Telmisartan solid dispersion of encapsulation using different polymer		
	15171S0304	K. Yashasree	Mrs. Kabita Banik
3.	A prospective clinical study to evaluate the efficacy of Nootropic hair Nourishment oil.		
	17171R0508	Sd. Nasma Fatima	Dr. Shibnath Kamila
4.	A prospective clinical study of a memory oil FM7 for learning and memory enhancement action in healthy human volunteers.		
	17171R0507	Md. Abul Hasan Amer	Dr. Shibnath Kamila
5.	Evaluation of Anti-atherosclerotic activity of Annona reticulate.		
	17171R0107	M Prashanth Kumar	Mrs. P Haritha
6.	evaluate the patient knowledge about their disease, medicine and impact on therapy for some common illness in Ravirala Village, Telangana.		
	16171R0503	S. Hemlatha	Dr. Shibnath Kamila
7.	A prospective clinical study of a medhya taila for learning and memory enhancement action in healthy human volunteers.		
	16171S0509	Kaneez Fatima	Dr. Shibnath Kamila
8.	Nephro protective activity of Tricholepis glaberrima		
	16171S0103	Samsindhuja	Dr. S. Gurunath
9.	Nephro protective activity of Cypalarius ratitudus		
	16171S0109	T Sowjanya	Mrs. P. Haritha



PRINCIPAL
Bharat Institute of Technology
Mangalpally (V), Ibrahimpatnam (M),
R. R. District - 501 510 Telangana

10.	Anti-atherosclerosis activity of Ethanolic extracts of <i>Echinops echinatus</i>.		
	16171S0111	B. Sravya	Mr. Dillip Raja
11.	Anti anxiety activity of <i>Sebastiana chamalea</i> in wister rats.		
	16171S0107	K. Sheetal	Mrs. P. Haritha
12.	Anti-atherosclerotic activity of <i>Ochna obtusata</i>.		
	17171S0110	T. Swathi	Mrs. P. Haritha
13.	Design and optimization of diltiazem matrix tablets as sustained release.		
	16171S0307	K.Nagajyothi	Dr. Y. Phalguna
14.	Anti anxiety activity of <i>Fumaria indica</i> in wister rats.		
	17171S0103	G. Pramodh	Mr. Dillip Raja
15.	Clinical study on neurological manifestation in patients with hemorrhagic and Ischemic stroke.		
	17171S0106	K. Kotamma	Mrs. Keethi Sammeta
16.	Clinical study on association of Vitmin D levels with the severity of bronchial asthma.		
	17171S0104	K. Rohini	Mrs. Keethi Sammeta
17.	Anti-atherosclerotic activity of <i>Polygonum glabrum</i>.		
	16171S0104	Amreen Begum	Mrs. Prachi Shukla



Ch. S. V. L.

PRINCIPAL
Bharat Institute of Technology
Mangalpet (V), Ibrahimpet (M),
R.R. Dist - 501 510, Telangana

Antianxiety Activity of Fumaria Indica in wistar Rats

A Dissertation submitted to

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY

HYDERABAD



In partial fulfillment of the requirements for the award of degree of

MASTER OF PHARMACY

PHARMACOLOGY

By

GANAPURAM PRAMODH

Hall Ticket No: 17171S0103

M.Pharmacy IInd year

Under the guidance of

K. Dilip Raja

ASSISTANT PROFESSOR

DEPARTMENT OF PHARMACOLOGY



BHARATH INSTITUTE OF TECHNOLOGY

(Recognized by AICTE & Approved by Pharmacy Council of

India)(Affiliated to JNTUH JNTUH Mangalpally (V),

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Telangana, India.

2018-2019



PRINCIPAL

**Bharath Institute of Technology
Mangalpally (V), Ibrahimpattanam (M),
R.R. Dist - 501 510, Telangana**

**CLINICAL STUDY ON ASSOCIATION OF VITAMIN D LEVELS WITH THE
SEVERITY OF BRONCHIAL ASTHMA**



**PROJECT PROTOCOL SUBMITTED TO THE JAWAHARLAL NEHRU
TECHNOLOGICAL UNIVERSITY HYDERABAD IN PARTIAL FULFILMENT
FOR THE AWARD OF THE DEGREE OF**

**MASTER OF PHARMACY
IN
(PHARMACOLOGY)**

Submitted by
K.ROHINI (M.Pharm)
Regd. No .1717180104

Under the supervision of
Mrs. KEERTHI SAMMETA,

**M.Pharm ,
Associate Professor
Department of Pharmacology**



**Bharat Institute of Technology (Pharmacy)
MANGALPALLY, HYDERABAD-501510**



PRINCIPAL
Bharat Institute of Technology
Mangalpally (V), Ibrahimpatnam
R.R. Dist - 501 510, Telangana

BHARAT INSTITUTE OF TECHNOLOGY

B-PHARMACY 4TH YEAR

PROJECT STUDENT LIST

S.NO	STUDENT NAME	ROLL.NO
1	RAHEEMA KHATOON	16171R0001 ✓
2	GUNTI ANUSHA	16171R0002 ✓
3	MUDAVATH VENNELA	16171R0003 ✓
4	PAPANI JYOTHI	16171R0005 ✓
5	MALLAPALLY NIKHITHA REDDY	16171R0006 ✓
6	SAMIDI ANJANA	16171R0007 ✓
7	MANDA TARUNI	16171R0009 ✓
8	R SHRAVANI	16171R0010 ✓
9	AJMERI BEGUM	16171R0011 ✓
10	NEHA SULTANA	16171R0013 ✓
11	GUNDUKOLA MOUNIKA	16171R0014 ✓
12	BANDA MEENA	16171R0015 ✓
13	VADITHE DIVYA SREE BAI	16171R0017 ✓
14	MUTYALA KEERTHANA	16171R0018 ✓
15	CHITELLA MAHESHWARI	16171R0019 ✓
16	K.SRAVANTHI	16171R0020 ✓
17	KADARI MOUNIKA	16171R0021 ✓
18	MADUGULA LAKSHMI PRASANNA	16171R0022 ✓
19	GADAMALLA SONY	16171R0023 ✓
20	K.SHILPA REDDY	16171R0024 ✓
21	KASTURI RAMYA	16171R0025 ✓
22	HATLA SARYA	16171R0026 ✓
23	K.SARITHA	16171R0027 ✓
24	S.YASHASSUR	16171R0028 ✓
25	BAIRI NANDHINI	16171R0029 ✓
26	K MANASA	16171R0030 ✓
27	POTHARAJU REVATHI	16171R0031 ✓
28	I SRIVIDYA	16171R0032 ✓
29	DHARAVATH KRISHNAVENI	16171R0033 ✓
30	A.KEERTHANA	16171R0034 ✓
31	S.NAAZNEEN	16171R0035 ✓
32	BUDDE VINEETH	16171R0036 ✓
33	K.SANDESH	16171R0037 ✓
34	S.SAI SHANKER	16171R0038 ✓
35	GADDAM AKHILESH	16171R0039 ✓
36	PRAJAKTA PALLAMONI	16171R0040 ✓
37	MORE MURALI	16171R0041 ✓
38	AKAVARAM SHIVA REDDY	16171R0042 ✓
39	KETHAVATH NIKHIL KUMAR	16171R0044 ✓
40	BIRADAR PAVANKUMAR	16171R0045 ✓



A. S. U. S.
PRINCIPAL

Bharat Institute of Technology
Mangalpally (V), Ibrahimpetnem (M),
P.R. Dist - 501 510, Telangana

BHARAT INSTITUTE OF TECHNOLOGY

41	KOKKONDA PRADEEP REDDY	16171R0047 ✓
42	KOTRA KARUNA SAGAR	16171R0050 ✓
43	V.MAVOORI	16171R0051 ✓
44	U.PAVAN	16171R0052 ✓
45	N.MANIDEEP	16171R0053 ✓
46	BANDA SURESH	16171R0054 ✓
47	L.VIVEK REDDY	16171R0055 ✗
48	B.NAGARAJU	16171R0056 ✓
49	A. JAGADISH	16171R0057
50	DEEKSHITH REDDY	16171R0058
51	ANIL PAVAN	16171R0059 ✗
52	B.SHUBHAM	16171R0060
53	SHARATH CHANDRA	16171R0061
54	DUSHWANTH KUMAR	16171R0062
55	VANKUNAVUTHU NARSIMHA	16171R0063
56	ABDUL RIYAZ	16171R0064 ✓
57	V.SRIKANTH	16171R0065
58	J.SREENIVAS	16171R0066
59	S.GANESH	16171R0067
60	HIDAYATH MOHD KHAN	16171R0068
61	BITLA JAGADEESHWAR	16171R0069
62	PREETHI BADDAM	16171R0070 ✗
63	P.TEJASWINI	16171R0071
64	POTTA SAI NIKHIL	16171R0072

✗

BHARAT INSTITUTE OF TECHNOLOGY

B PHARMACY PROJECT STUDENT LIST

2020-2021

s.no	group	topic	Guide name
1	16171R0001 16171R0010 16171R0015 16171R0017	Antibacterial activity of essential oil	Dr. P Hyma
2	16171R0002 16171R0038 16171R0047 16171R0059	The formulation and in-vitro evaluation of nicardipine sustained releases tablet	Dr. Kitika shenmar
3	16171R0020 16171R0034 16171R0030 16171R0050	Synthesis of noval benzimidazole derivatives and evaluation of Anthelmintic activity study	Dr. mrinmay das
4	16171R0003 16171R0011 16171R0014 16171R0015	Quantitative estimation of Artemether in tablet dosage by rp-hplc method	Mr. Anwar
5	16171R0055 16171R0064 16171R0070 16171R0074	Formulation and in vitro evaluation of lefunomide loaded topical ethosomal gel	Dr. ch.s. vijaya vani
6	16171R0005 16171R0006 16171R0007 16171R0009	Studies of few medicinal plants reported as immunity boosters	Mrs.Tsofia
7	16171R0018 16171R0019 16171R0021 16171R0022	Formulation and evaluation of oxiconazole for tropical drug delivery	Ms. Rachel



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s.no	group	topic	Guide name
9	16171R0027 16171R0028 16171R0029 16171R0031	Preparation and characterization of jolmi triptan oral integrating agents	Dr. s Gurunath
10	16171R0032 16171R0033 16171R0035 16171R0036	Empirical use of antibiotics in tertiary care hospital	Mr har. sh
11	16171R0037 16171R0039 16171R0040 16171R0041	Evaluation of cytotoxicity of different Azadirachta indica extracts	Dr. srinivas
12	16171R0042 16171R0044 16171R0045 16171R0051	Formulation, characterization and evaluation of gastro-retentive drug delivery system	Mrs Beulah
13	16171R0052 16171R0053 16171R0054 16171R0056	Design, synthesis and evaluation of bioactive molecules	Mrs. Namratha
14	16171R0057 16171R0058 16171R0060 16171R0061	Formulation development and characterization of herbal exfoliant preparation	Dr.G Sumalatha
15	16171R0062 16171R0063 16171R0065 16171R0066	Study on herbal drugs on Parkinsons diseases	Ms.karzia sam
16	16171R0067 16171R0068 16171R0069 16171R0071 16171R0072	Synthesis and evaluation of thiazolidinones for analgesic activity	Mrs. Kabitha

A PROJECT REPORT ON
SYNTHESIS OF NOVEL BENZIMIDAZOLE DERIVATIVES AND EVALUATION
OF ANTHELMINTIC ACTIVITY STUDY

A Thesis Submitted in Partial Fulfilment of the
Requirements

Of
BACHELOR OF PHARMACY

Submitted to
Jawaharlal Nehru Technological University
HYDERABAD

by

KADAGANCHI SRAVANTHI
ALLAM KRISHNA KEERTHANA
KOTHAKURVA MANASA
KOTRA KARUNA SAGAR

(16171R0020)
(16171R0034)
(16171R0030)
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Under the guidance of
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BHARAT INSTITUTE OF TECHNOLOGY
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PRINCIPAL
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THE FORMULATION AND IN-VITRO EVALUATION OF
NICARDIPINE SUSTAINED RELEASE TABLETS

A Thesis Submitted To



Jawaharlar Nehru Technological University, Hyderabad

In Partial Fulfillment of the Requirements for
THE DEGREE OF BACHELOR OF PHARMACY

BY

GUNTI ANUSHA	(16171R0002)
SUNKARI SAI	(16171R0038)
SHANKAR	
K. PRADEEP	(16171R0047)
REDDY	
JAMMU ANIL	(16171R0059)
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Under the Guidance of

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BHARAT INSTITUTE OF TECHNOLOGY

(Approved by PCI, AICTE and affiliated to JNTUH, Accredited by NAAC)

Mangalpally (Village), Ibrahimpatnam (Mandal), Ranga Reddy District-501510

2020



B. S. G. H.
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Bharat Institute of Technology
Mangalpally (V), Ibrahimpatnam (Mandal),
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FORMULATION AND *IN VITRO* EVALUATION OF LEFLUNOMIDE LOADED TOPICAL ETHOSOMAL GEL

Under the Guidance of
Dr. Ch.S.Vijaya vani, M. Pharm., Ph.D.,
Associate Professor, Dept. of
Pharmaceutics

Presented By:
L.Vivek Reddy(16171R0055)
Abdul Riyaz(16171R0064)
Shaik.Nazeer(16171R0070)
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BHARAT INSTITUTE OF TECHNOLOGY
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Mangalpally (Village), Ibrahimpatnam (Mandal), Ranga Reddy District-501 510



Ch.S.V.

STUDY ON UTILISATION OF ORAL ANTI COAGULANTS IN VARIOUS DISEASES AT KIMS

Dissertation Submitted to
Jawaharlal Nehru Technological University, Hyderabad,
for partial fulfillment of award of
Degree of Doctor of Pharmacy (Pharm-D)

Submitted By

SAMYA NAIK; 12171T0013
K.SUSHMA; 15175T0001.
MIRZA MOHIDULLAH BAIG; 15175T0003.
MD YAWARULLAH KHAN; 15175T0004

Guide

Hospital Guide

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MD, DM, FISE, EP
FELLOWSHIP(USA)
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Department of CARDIOLOGY;
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Assistant Professor;
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Bharat Institute Of Technology,
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(2017)



CH. S. G. R.

PRINCIPAL

Bharat Institute of Technology
Mangalpally (V), Ibrahimpetnam (M),
R.R. Dist - 501 510, Telangana

**EVALUATION OF HYDROXYCHLOROQUINES INDUCED
RETINOPATHY IN SYSTEMIC LUPUS ERYTHEMATOSUS
PATIENTS**

PROJECT TIME



DISSERTATION

Submitted to Jawaharlal Nehru Technological University,

Hyderabad

In partial fulfillment of the requirement for the award of Degree of

DOCTOR OF PHARMACY

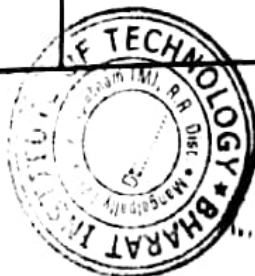
SUBMITTED BY

G. SRITEJA (15171T0014)

D..PAVAN KALYAN (15171T0020)

Under the Esteemed Guidance of

INSTITUTIONAL GUIDE	HOSPITAL GUIDE
Dr MARINA D'SOUZA M.PHARM, PhD PROFESSOR (Dept. Of PHARMACOGNOSY) Bharat Institute of Technology- Pharmacy	Dr .SARATH CHANDRA MOULI.V MD(NIMS), MRCP(UK) HOD- DEPARTMENT OF RHEUMATOLOGY.



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CLERKSHIP RECORD

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Pharm.D (PB) IInd Year
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Submitted by

MIRZA MOHIDULLAH BAIG

REGD. NO. :15175T0003

Submitted to

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DEPARTMENT OF PHARM. D



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BHARAT INSTITUTE OF TECHNOLOGY. (PHARMACY)

MANGALPALLY (V), IBRAHIMPATNAM (M),

R.R.District, HYDERABAD-501510.

**(Affiliated to Jawaharlal Nehru Technological University -
Hyderabad.)**

**FORMULATION AND EVALUATION OF
FAST DISSOLVING FILMS OF INDOMETHACIN MONOSULFONATE**

Project Report Submitted To Bharat Institute of Technology

As a course work for fulfillment of award of

MASTER OF PHARMACY

IN

PHARMACEUTICS by

Jawahar Lal Nehru Technological University, Hyderabad

Submitted By

G.LAKSHMAN KUMAR (19171S0301)

Under the Guidance of

Ms. KABITA BANIK

Ass. Professor in Department of pharmaceuticals

Affiliation: JNTUH



BIHARAT INSTITUTE OF TECHNOLOGY

**Approved by PCI, AICTE and affiliated to JNTUH Mangalpally (V), Ibrahimpatnam (M),
R. R. Dist., Telangana - 501510**



**Bharat Institute of Technology
Mangalpally (V), Ibrahimpatnam (M),
R.R. Dist - 501 510, Telangana.**

**A RESEARCHED CONTROLLED STUDY ON OXYGEN IN PREVENTING
POSTPARTUM HEMORRHAGE IN CENSURE SECTION**

A Dissertation Submitted to

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY



In partial fulfillment of the requirements for the award of degree of

MASTER OF PHARMACY

Dept of Pharmacy practice

BY

SADIA ANJUM (1917151503)

Under The Guidance Of

P.TWILA PUSHPA

M.Pharmacy, Assistant Professor (Dept. Of Pharmacy Practice) and

Dr. C. BHAGYA



**BHARAT INSTITUTE OF TECHNOLOGY Approved by PCI, AICTE and Affiliated to
JNTUH.**

Mangalpally (V), Ibrahimpetnam (Mandal), RR Dist, Telangana- 501510.



Ch. Praveen Kumar
**Bharat Institute of Technology
Mangalpally (V), Ibrahimpetnam (M),
R.R. Dist - 501 510, Telangana**

**A PROJECT REPORT ON
EVALUATION OF ANTIULCER PROPERTY OF
DELONXIA REGIA**

A Thesis Submitted in Partial Fulfilment of the Requirements

of

MASTER OF PHARMACY

Submitted to



**Jawaharlal Nehru Technological University
HYDERABAD**

By

VIPPULA ANITHA (19171S0105)

Under the guidance of

Dr. G. KALYANI M. Pharm, Ph.D

Department of Pharmacology



BHARAT INSTITUTE OF TECHNOLOGY

**Approved by PCI, AICTE and affiliated to JNTUH
Mangalpally (V), Ibrahimpatnam (M), R.R. Dist., Telangana-
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B.S.C. 18

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Bharat Institute of Technology
Mangalpally (V), Ibrahimpatnam (M),
R.R. Dist - 501 510, Telangana.

A PROJECT REPORT ON
EVALUATION OF ANTIULCER PROPERTY OF
DELONXIA REGIA

A Thesis Submitted in Partial Fulfilment of the Requirements

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Submitted to



Jawaharlal Nehru Technological University

HYDERABAD

By

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Under the guidance of

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BHARAT INSTITUTE OF TECHNOLOGY

Approved by PCI, AICTE and affiliated to JNTUH
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501510



Ch. S. P. 181
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Bharat Institute of Technology
Mangalpally (V), Ibrahimpatnam (M),
R.R. Dist - 501 510, Telangana.

A PROJECT REPORT ON



**INVESTIGATION OF ANTIDEPRESSANT ACTIVITY
OF NARDOSTACHYS JATA MANSI**

A Thesis Submitted in Partial Fulfilment of the Requirements

of

MASTER OF PHARMACY

Submitted to



Jawaharlal Nehru Technological University

HYDERABAD

By

MAJID HUSSAIN (19171SO102)

Under the guidance of

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Dept. of Pharmacology



BHARAT INSTITUTE OF TECHNOLOGY

**Approved by PCI, AICTE and affiliated to JNTUH
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BHARAT INSTITUTE OF TECHNOLOGY
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17.	17171R0012	Chinthala Varsha
18.	17171R0013	Chowhan Anjali
19.	17171R0014	D Shiva Prasad
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22.	17171R0017	Dussa Meghana
23.	17171R0018	Emmarasu Sai Vasanth
24.	17171R0019	Enjam Anjali
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27.	17171R0022	Gottam Sreeja Reddy
28.	17171R0023	Gummakonda Lakshmaiah
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32.	17171R0028	Karla Saiprakash
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35.	17171R0032	Kolanu Shivanath Reddy
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43.	17171R0040	Kurnala Laya
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51.	17171R0048	Mangalagiri Sharath Chander
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54.	17171R0051	Moguram Vyshnavi
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56.	17171R0053	Munganda Jahnavi
57.	17171R0054	N Sahithi Reddy
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61.	17171R0059	Padakanti Manisha
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74.	17171R0073	Teki Venkata Srujana
75.	17171R0074	Thalari Chaithanya
76.	17171R0075	Thumala Vinay Sree
77.	17171R0076	Unnamatta Sowjanya
78.	17171R0077	Vadlakonda Sruthi
79.	17171R0078	Valsa Sai Teja
80.	17171R0079	Vasupula Pooja Kumari
81.	17171R0080	Kommarajula Vijay Kumar



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Bharat Institute of Technology
Mangalpally (V), Ibrahimpatnam (M),
R.R. Dist - 501 510, Telangana

PREVALENCE OF THYROID DYSFUNCTION IN PATIENTS WITH TYPE-2 DIABETES

PROJECT REPORT



Dissertation work submitted to Jawaharlal Nehru Technological University, Hyderabad, in partial fulfillment of requirements for the degree of

Bachelor of pharmacy (B.Pharmacy)

Submitted by

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K.KARTHIK(17171R0037)

K.PRATHYUSHA(17171R0038)

K.NIHARIKA(17171R0039)

UNDER THE GUIDANCE OF: P.Twila Pushpa

Assistant professor

Department of pharmacy practice



**BHARAT INSTITUTE OF TECHNOLOGY
MANGALPALLY, IBRAHIMPATNAM, HYDERABAD-501510**

2020-2021



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**Bharat Institute of Technology
Mangalpally (V), Ibrahimpatnam (M)**

A PROJECT REPORT ON
FORMULATION OF CAPECITABINE MICROSPHERES USING
DIFFERENT POLYMERS BY IONOTROPIC GELATION METHOD

A Thesis Submitted in Partial Fulfilment of the Requirements

of

BACHELOR OF PHARMACY

Submitted to



Jawaharlal Nehru Technological University

HYDERABAD

By

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L.NEHA (17171R0041)

M.AKHILA (17171R0042)

M.RATHAN (17171R0043)

Under the guidance of

Mrs.Dr. RAMYA SREE PAVULURI

Dept. of Pharmacy Practice



BHARAT INSTITUTE OF TECHNOLOGY

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Mangalpally (V), Ibrahimpatnam (M), R.R. Dist., Telangana-501510



Ch. S. G. G.

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Bharat Institute of Technology

A PROJECT REPORT ON
FORMULATION AND INVITRO EVALUATION OF LEFLUNOMIDE
LOADED TOPICAL TRANSFEROSOMAL GEL
of
BACHELOR OF PHARMACY
Submitted to



Dissertation work submitted to Jawaharlal Nehru Technological University,
Hyderabad, in partial fulfillment of requirements for the degree of
Bachelor of Pharmacy (B.pharmacy)

Submitted by,

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N. SHIRISHA (17171R0057)
P. MANISHA (17171R0059)
P. BHARGAV SAI (17171R0061)

Under the guidance of
DR. SHIBNATH KAMILA

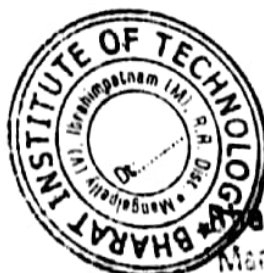
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HOD: Department of pharmacy practice
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2020-2021



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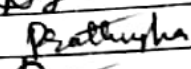
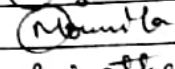
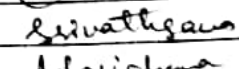
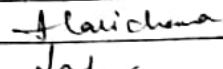
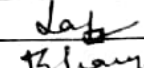
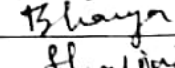
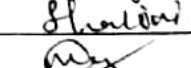
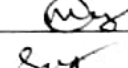
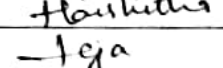
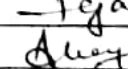
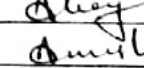
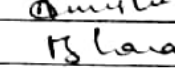
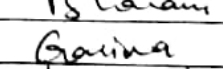
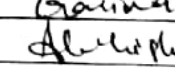
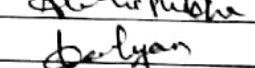
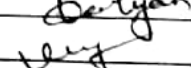
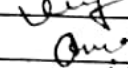
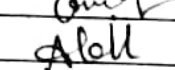
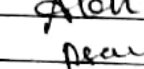
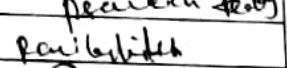
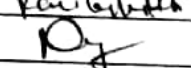
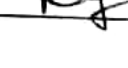
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Mangalpally (V), Ibrahimpatnam (M),
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MANGALPALLY, IBRAHIMPATNAM, HYDERABAD

VI YR PHARM D INTERNSHIP

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2.	15171T0002	Vaka Pratyusha	
3.	15171T0003	Pannala Keerthi	
4.	15171T0004	Rathnavath Mounika	
5.	15171T0005	Pisati Mounika Reddy	
6.	15171T0006	Keesara Srivathsasa	
7.	15171T0007	Punukula Harichandana	
8.	15171T0008	Munagala Laharika	
9.	15171T0009	Chalamalasetti Bhavya	
10.	15171T0010	Arikeri Shalini	
11.	15171T0011	Dharanikota Meghana	
12.	15171T0012	B Sowmya	
13.	15171T0013	Kasu Harshitha	
14.	15171T0014	Gajula Sri Teja	
15.	15171T0015	Vissapragada Bhavani Alekhya	
16.	15171T0016	P Anusha	
17.	15171T0017	Kistipati Bhavana	
18.	15171T0018	Garima	
19.	15171T0019	Nakka Sri Bhavani Abhishiktha	
20.	15171T0020	Dandyala Pavan Kalyan	
21.	15171T0021	K Sharat Venkat Reddy	
22.	15171T0024	Mohammed Kamaluddin Omer	
23.	15171T0026	Aakunuri Akhil	
24.	15171T0027	Puligari Praveen Reddy	
25.	15171T0028	Rangineni Parikshith Rao	
26.	15171T0029	G Nikitha	

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Certificate of Internship



This is to certify that

Ms. SAMNANI NIKITA

Roll No. 15171T0001

of Bharat Institute of Technology (Pharmacy), Ibrahimpatnam, Hyderabad
has successfully completed the Pharm.D Internship at
Krishna Institute of Medical Sciences, Secunderabad
in the following units/departments as prescribed under regulation 16 and
Appendix C of Pharm D Regulations 2008

DEPARTMENT	DATE		TOTAL DURATION
	FROM	TO	
MEDICINE	01-09-2020	27-02-2021	Six Months
PEDIATRICS	02-03-2021	01-05-2021	Two Months
ORTHOPEDICS	04-05-2021	03-07-2021	Two Months
SURGERY	06-07-2021	04-09-2021	Two Months

Preceptor
HOD
Dept. of Pharmacy Practice
BIT

Principal
Bharat Institute of Technology

Director of Medical Education
KIMS Hospital,
Secunderabad.



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Certificate of Internship



This is to certify that

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Preceptor
HOD
Dept. of Pharmacy Practice
BIT

Principal
Bharat Institute of Technology

Director of Medical Education
KIMS Hospital,
Secunderabad.



PHARM-D

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Bharat Institute of Technology
Mangalpally (V), Ibrahimpatnam (M),
R.R. Dist - 501 510, Telangana



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Mangalpally (V), Ibrahimpatnam (M), R.R. Dist - 501 510, Telangana, India

Certificate of Internship



This is to certify that

Ms. PANNALA KEERTHI

Roll No. 15171T0003

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Krishna Institute of Medical Sciences, Secunderabad
in the following units/departments as prescribed under regulation 16 and
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Preceptor
HOD
Dept. of Pharmacy Practice
BIT

Principal
Bharat Institute of Technology

Director of Medical Education
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Secunderabad.



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PRINCIPAL

PHARM-D

Bharat Institute of Technology
Mangalpally (V), Ibrahimpatnam (M),
R.R. Dist - 501 510, Telangana, India



BHARAT INSTITUTE OF TECHNOLOGY

(Approved by PCI & AICTE, Affiliated to JNTUH)

Mangalpally (V), Ibrahimpatnam (M), R.R. Dist - 501 510, Telangana, India

Certificate of Internship



This is to certify that

Ms. PUNUKULA HARICHANDANA

Roll No. 15171T0007

of Bharat Institute of Technology (Pharmacy), Ibrahimpatnam, Hyderabad
has successfully completed the Pharm.D Internship at
Krishna Institute of Medical Sciences, Secunderabad
in the following units/departments as prescribed under regulation 16 and
Appendix C of Pharm D Regulations 2008

DEPARTMENT	DATE		TOTAL DURATION
	FROM	TO	
MEDICINE	01-09-2020	27-02-2021	Six Months
PEDIATRICS	02-03-2021	01-05-2021	Two Months
ORTHOPEDICS	04-05-2021	03-07-2021	Two Months
SURGERY	06-07-2021	04-09-2021	Two Months

Preceptor
HOD
Dept. of Pharmacy Practice
BIT

Principal
Bharat Institute of Technology

Director of Medical Education
KIMS Hospital,
Secunderabad.



PROJECT TITLE LIST

Pharm D 5th yr BIT

Batch no	Name and roll no	College Guide	Hospital guide	Topic title
1	Rupa-16171T0015 Amulya-16171T0018 Vaishnavi-16171T0017 Pooja-16171T0005	Dr Ascharya chinthalapati	Dr.Mounika Boppana	Single centre observational study to evaluate the incidence,severity,risk factors and efficacy of pharmacotherapy in management of taxane induced myalgia and arthralgias
2	Isharika-16171T0002 saistree-16171T0004 srija-16171T0012 keerthi-16171T0016	Dr.Arifa Begum	Dr.sethu babu	Patterns of sedation/anaesthesia gastrointestinal endoscopy practices in outpatient setup
3	Shehenaaz-16171T0003 Kulsoom- 16171T0011 Sukaina -16171T0009 Qamar-16171T0020	Dr.Marina d'souza	Dr.sarath Chandra mouli veeravalli Dr Shree Harsha	Evaluation of clinical profile, assessment of disease severity and treatment efficacy in spondyloarthritis patient.
4	Induja -16171T0013 Indrani -16171T0019 Manju - 16171T0001 Chiatanya-16171T0007	Dr.Shibnath kamila	Dr.Diwakar naidu	Comparison study of blood pressure in dialysis patients with and without RAAS inhibitors
5	Harshini-16171T0014 Maniramy- 16171T0010 Archana -16171T0008			



Ch S. 4. 8

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Bharat Institute of Technology
R.R. Dist - 501 510 Telangana

PROJECT TITLE LIST

Pharm D 5th yr BIT

6	Akhil-16171T0021 Naveen-16171T0026 Najam-15171T0023	Dr . Kezia sam	Dr mohammed sadiq azam Dr p gautam	Spectrum of use of ivabardines in patient admitted with acute cardiac conditions
8	Venu-16171T0028 Junaid-16171T0022 Pranav-16171T0024	Ramya sree	Dr jayasree	A study of assessment on monotherapy vs polytherapy vs combination therapy with botax in the management of chronic migraine
9	Aisha Ahmed - 19175T0001 Rukhaiya Asma - 19175T0002 Nandigama . sheeba Rani - 19175T0003 Azra Fathima - 19175T0004	Dr vijaya vani	Dr manas panighari Dr y.B.v.k chandrashekar	Outcome of high grade glioma patients at tertiary care centre

Q.S. 18/18/



PRINCIPAL
Bharat Institute of Technology
Mangalore (V), Ibrahimpatnam (M).
R.R. Dist - 591 510, Telangana.

BHARAT INSTITUTE OF TECHNOLOGY

MANGALPALLY, IBRAHIMPATNAM, HYDERABAD

V YR PHARM D PROJECT STUDENT LIST

SL. No.	Hall Ticket No.	Name	Signature
1.	15171T0023	Syed Najamuddin Khundmiri	<i>[Signature]</i>
2.	14171T0024	Mandadi Sudesh	<i>[Signature]</i>
3.	16171T0001	Manju Sada Shanker	<i>[Signature]</i>
4.	16171T0002	Ambadipally Laharika	<i>[Signature]</i>
5.	16171T0003	Shik Meheb Shehenaaz Kauser	<i>[Signature]</i>
6.	16171T0004	Mali Sai Sree	<i>[Signature]</i>
7.	16171T0005	Kokkiral Pooja	<i>[Signature]</i>
8.	16171T0007	Somagani Chaitanya	<i>[Signature]</i>
9.	16171T0008	Mettu Archana Goud	<i>[Signature]</i>
10.	16171T0009	Sukaina Shabbir Karjatwalla	<i>[Signature]</i>
11.	16171T0010	Palepu Mani Ramya	<i>[Signature]</i>
12.	16171T0011	Kulsoom Fatima	<i>[Signature]</i>
13.	16171T0012	Billakuduru Srija	<i>[Signature]</i>
14.	16171T0013	Beerum Induja	<i>[Signature]</i>
15.	16171T0014	Saiharshini Yabaluri	<i>[Signature]</i>
16.	16171T0015	P Hima Chandana Sai Rupa	<i>[Signature]</i>
17.	16171T0016	Kalvakollu Keerthi	<i>[Signature]</i>
18.	16171T0017	Orsu Vaishnavi	<i>[Signature]</i>
19.	16171T0018	Kadaparthi Amulya	<i>[Signature]</i>
20.	16171T0019	Indrani Biswas	<i>[Signature]</i>
21.	16171T0020	Qamar Masood	<i>[Signature]</i>
22.	16171T0021	Bavu Akhil Kumar	<i>[Signature]</i>
23.	16171T0022	Mohammad Junaid Ahmed	<i>[Signature]</i>
24.	16171T0023	B Balu	<i>[Signature]</i>
25.	16171T0024	Dontha Saipranav	<i>[Signature]</i>
26.	16171T0025	Parupalli Kranthi Kiran Reddy	<i>[Signature]</i>
27.	16171T0026	G Naveen Kumar	<i>[Signature]</i>
28.	16171T0027	Mandhala Saikrishna	<i>[Signature]</i>
29.	16171T0028	Challam Venu	<i>[Signature]</i>



[Handwritten Signature]

PRINCIPAL

Bharat Institute of Technology
Mangalpally (V), Ibrahimpatnam (M),
P.R. Dist - 501 510, Telangana.

A PROJECT REPORT
ON
"SYSTEMATIC ANALYSIS OF TPMT GENOTYPING"

2020 - 2021



DISSERTATION

Submitted to Jawaharlal Nehru Technological University,
Hyderabad

In partial fulfilment of the requirement for the award of Degree of
DOCTOR OF PHARMACY

SUBMITTED BY

SAIHARSHINI YABALURI

16171T0014

MANI RAMYA P

16171T0010

ARCHANA GOUD M

16171T0008

Under the Esteemed Guidance of

INSTITUTIONAL GUIDE

HOSPITAL GUIDE

Ms. P. TWILA PUSHPA

DR. ANUJA PATIL

Asst. Professor

M.D, D.M (Neurology)

Bharat Institute of Technology- Pharmacy

consultant neurologist,

KIMS.



BHARAT INSTITUTE OF TECHNOLOGY
MANGALPALLY, IBRAHIMPATNAM, HYDERABAD-501510



A.S.U. 181
PRINCIPAL

Bharat Institute of Technology
Mangalpally (V), Ibrahimpatnam (M),
R.R. Dist - 501 510, Telangana



BHARAT INSTITUTE OF TECHNOLOGY

(Accredited by NAAC, Approved by PCI & AICTE, Affiliated to JNTUH)

Mangalpally (V), Ibrahimpatnam (M), R.R. Dist - 501 510, Telangana, India

Certificate of Internship



This is to certify that

Mr. CHALLAM VENU

Roll No. 16171T0028

of Bharat Institute of Technology (Pharmacy), Ibrahimpatnam, Hyderabad
has successfully completed the Pharm.D Internship at
Krishna Institute of Medical Sciences, Secunderabad
in the following units/departments as prescribed under regulation 16 and
Appendix C of Pharm D Regulations 2008

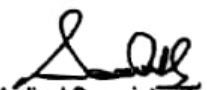
DEPARTMENT	DATE		TOTAL DURATION
	FROM	TO	
GENERAL MEDICINE	09-08-2021	05-02-2022	Six Months
NEPHROLOGY	08-02-2022	07-04-2022	Two Months
ONCOLOGY	11-04-2022	10-06-2022	Two Months
CARDIOLOGY	13-06-2022	12-08-2022	Two Months






Principal
Bharat Institute of Technology

PRINCIPAL
Bharat Institute of Technology
Mangalpally (V), Ibrahimpatnam (M)
R.R. Dist Pin: 501 510


Medical Superintendent
KIMS Hospital,
Secunderabad.

Dr. Sambit Sahu
Medical Director & H.O.D. Critical Care
KIMS Hospital, Secunderabad.



PRINCIPAL
Bharat Institute of Technology
Mangalpally (V), Ibrahimpatnam (M),
R.R. Dist - 501 510, Telangana.

PHARM-D

Antiatherosclerotic Activity Of *Annona reticulata*"



**PROJECT PROTOCOL SUBMITTED TO THE JAWAHARLAL NEHRU
TECHNOLOGICAL UNIVERSITY-HYDERABAD IN PARTIAL FULFILMENT
FOR THE AWARD OF THE DEGREE OF**

**MASTER OF PHARMACY
IN
(PHARMACOLOGY)**

***Submitted by*
MANTEPALLY PRASHANTH KUMAR (M.Pharm)**

Regd. No .17171S0107

***Under the supervision of*
Mrs. PASUPULATI. HARITHA,**

**M.Pharm , Ph.D
Associate Professor
Department of Pharmacology**



**Bharat Institute of Technology (Pharmacy)
MANGALPALLY, HYDERABAD-501510**



Ch S. G. R.

PRINCIPAL

**Bharat Institute of Technology
Mangalpally (V), Ibrahimpatnam (M),
R.R. Dist - 501 510, Telangana.**

A PROJECT REPORT ON

**"PHYTOCHEMICAL AND HEPATOPROTECTIVE STUDY OF PHYLLANTHUS
VIRGATUS G.FORST"**

A Thesis Submitted in Partial Fulfilment of the Requirements

of

MASTER OF PHARMACY

Submitted to



Jawaharlal Nehru Technological University

HYDERABAD

By

BUTOOL FATIMA (19171S0101)

Under the guidance of

Dr. G. Kalyani M. Pharm, Ph.D

Dept. of Pharmacology



BHARAT INSTITUTE OF TECHNOLOGY

Approved by PCI, AICTE and affiliated to JNTUH

Mangalpally (V), Ibrahimpatnam (M), R.R. Dist., Telangana-501510



B.S.V.8
PRINCIPAL

Bharat Institute of Technology
Mangalpally (V), Ibrahimpatnam (M),
R.R. Dist - 501 510 Telangana

**A PROJECT REPORT ON
EVALUATION OF ANTULCER PROPERTY OF
DELONXIA REGIA**

A Thesis Submitted in Partial Fulfilment of the Requirements

of

MASTER OF PHARMACY

Submitted to



Jawaharlal Nehru Technological University

HYDERABAD

By

VIPPULA ANITHA (19171S0105)

Under the guidance of

Dr. G. KALYANI M. Pharm, Ph.D

Department of Pharmacology



BHARAT INSTITUTE OF TECHNOLOGY

**Approved by PCI, AICTE and affiliated to JNTUH
Mangalpally (V), Ibrahimpatnam (M), R.R. Dist., Telangana-
501510**



M.S. 4/8/81
PRINCIPAL
Bharat Institute of Technology
Mangalpally (V), Ibrahimpatnam (M),
R.R. Dist - 501 510, Telangana.

**A PROJECT REPORT ON
A STUDY ON MEDICATION UTILISATION PATTERN FOR THE
MANAGEMENT OF PREGNANCY COMPLICATIONS IN A TERTIARY
CARE TEACHING HOSPITAL**

*A Thesis Submitted in Partial Fulfillment of the Requirements
of MASTER OF PHARMACY IN*

PHARMACOLOGY

Submitted to

Jawaharlal Nehru Technological University

HYDERABAD

By

ANITHA RAMAGALLA

Under the guidance of

SANCHARI GOSWAMI

Assistant Professor,

Dept. of Pharmacology



BHARAT INSTITUTE OF TECHNOLOGY

**Approved by PCI, AICTE and affiliated to JNTUH
Mangalpally (V), Ibrahimpatnam (M), R.Dist., Telangana - 501510.**



P. S. 18/10/19
PRINCIPAL
Bharat Institute of Technology
Mangalpally (V), Ibrahimpatnam (M),
R. R. Dist - 501 510, Telangana.



(Approved by AICTE & PCI, New Delhi and Affiliated to JNTU, Hyderabad)
Sponsored by : CHINTA REDDY MADHUSUDHAN REDDY EDUCATIONAL SOCIETY
Mangalpally (Village), Ibrahimpatnam (Mandal), Ranga Reddy District - 501 510.
Ph : 08414-252265, Fax : 08414-252645, E-mail : bitpharm@yahoo.com

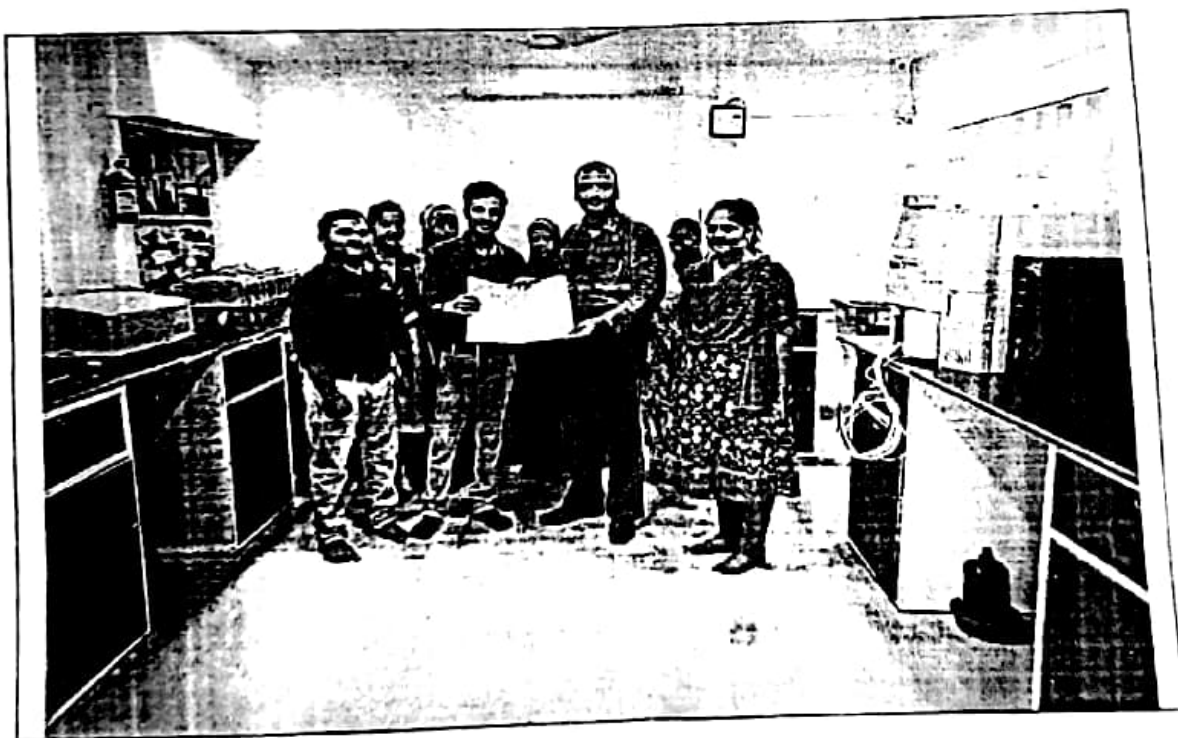
Ref.: BIT/AICTE/MAR/2022 - 20

DATE: 05/03/2022

INDUSTRIAL TRAINING

**BHARAT INSTITUTE OF TECHNOLOGY (PHARMACY) HAVING MOU
(MEMORANDUM OF UNDERSTANDING) WITH FOLLOWING COMPANIES FOR
INDUSTRIAL TRAINING & PLACEMENTS GUIDANCE**

S. No.	Pharmaceutical Company/ Industry
1	Akshaj Molecular Research Pvt., Ltd., Nacharam, Hyderabad, Date: 25-03-2017
2	Jupitor Formulations, IDA - Bhongir, Hyderabad, Date: 09-03-2015
3	Sanjeevani Bio Services Pvt., Ltd., Ameerpet, Hyderabad, Date: 02-03-2019
4	Sura Pharma Labs, Dilsukh Nagar, Hyderabad, Date: 07-02-2019
5	Nishka Research Pvt., Ltd., Hyderabad, Date: 19-02-2019



CH. S. G. 181
PRINCIPAL

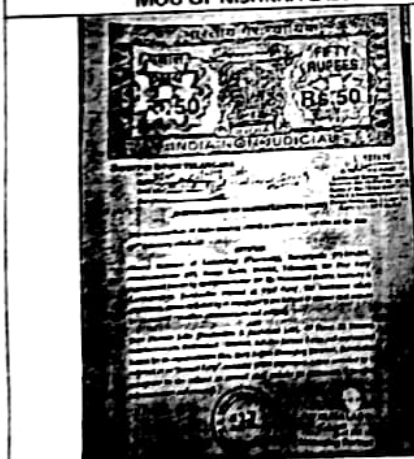
Bharat Institute of Technology
Mangalpally (V), Ibrahimpatnam (M),
R.R. Dist - 501 510, Telangana.



MOU OF NISHKHA LABS



MOU OF SANJEEVANI LABS



MOU OF SURA LABS



MOU OF AKSHAJ MOLECULAR RESEARCH



[Signature]
PRINCIPAL

Bharat Institute of Technology
Mangalpally (V), Ibrahimpatnam (M)
R.R. Dist. Pin: 501510

[Signature]



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Bharat Institute of Technology
Mangalpally (V), Ibrahimpatnam (M)
R.R. Dist - 501 510, Telangana

भारतीय गैर न्यायिक

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सत्यमेव जयते

Rs. 100

ONE
HUNDRED RUPEES

भारत INDIA
INDIA NON JUDICIAL

తెలంగాణ తెలంగాణ TELANGANA

8061 2009/07/2001
CH. Venugopal Reddy 86 Madhusudhan Reddy
MOU R.6 Mangalpally

BAF 157202
G. B. LAXMI
Consent Stamp Vendor
License No: 15-03-004/2012
70th St No 15-03-044/2012
K. N. Reddy, Dist. T.S. 501 510
Cell: 9449133512

MEMORANDUM OF UNDERSTANDING

This MOU is made and entered on 16th Aug' 2021 in continuation of our earlier MOU made on 14th Aug. 2008 and revised on 9th Dec' 2010.

BETWEEN

Krishna Institute of Medical Sciences Ltd. 1-8-31/1, Minister Road, Secunderabad-03 hereafter called, as KIMS represented by Prof. (Dr) P. Raja Gopal, Director, Medical Education hereafter called as 'First Party'.

And

Bharat Institute of Technology, Mangalpally (Post), Ibrahimpatnam (Mandal), Ranga Reddy District), Telangana- 501510 sponsored by Chinta Reddy Madhusudhan Reddy Educational Society, hereafter called as BIT, represented by Mr. Ch. Venugopal Reddy Secretary & Correspondent hereafter called as 'Second Party'.

ATTESTED
MD. SAMI UDDIN

ADVOCATE & NOTARY
(Appointed by the Govt. of T.S.)
Telephone Colony, Kothapet, Hyderabad

Ch. Venugopal Reddy
Secretary & Correspondent

Dr. P. RAJA GOPAL
B.Sc., M.B.B.S., M.S., M.Ch., M.N.A.M.S.(CTS), F.I.A.S.
Director, Medical Education
Krishna Institution of Medical Sciences Ltd
Minister Road, Secunderabad-501 510



Ch. S. K. 187

PRINCIPAL

Bharat Institute of Technology
Mangalpally P.O., Ibrahimpatnam (M.D.),
R.R. Dist - 501 510, Telangana.

PREVALENCE OF THYROID DYSFUNCTION IN PATIENTS WITH TYPE-2 DIABETES

PROJECT REPORT



Dissertation work submitted to Jawaharlal Nehru Technological University, Hyderabad, in partial fulfillment of requirements for the degree of

Bachelor of pharmacy (B.Pharmacy)

Submitted by

K.RISHITHA (17171R0036)

K.KARTHIK(17171R0037)

K.PRATHYUSHA(17171R0038)

K.NIHARIKA(17171R0039)

UNDER THE GUIDANCE OF: P.Twila Pushpa

Assistant professor

Department of pharmacy practice



**BHARAT INSTITUTE OF TECHNOLOGY
MANGALPALLY, IBRAHIMPATNAM, HYDERABAD-501510**
2020-2021



Ch S. G. G.
PRINCIPAL

**Bharat Institute of Technology
Mangalpally (V), Ibrahimpatnam (M),
R.R. Dist - 501 510, Telangana.**

FORMULATION DEVELOPMENT AND *IN VITRO* EVALUATION OF DOXORUBICIN SUSTAINED RELEASE PALANOSETRON IMMEDIATE RELEASE BILAYER TABLETS

A Thesis Submitted To



Jawaharlal Nehru Technological University, Hyderabad

*In Partial Fulfillment of the Requirements
For*

The Award of Degree of Bachelor of Pharmacy

BY

KOLANU SHIVANATH REDDY	(17171R0032)
LAXMI SARANYA VENKATESHWARLU	(17171R0033)
KONDRU DIVYA	(17171R0034)
KONTHAM RAGHURAM REDDY	(17171R0035)

Under the Guidance of

Ms. JE Racheal Nivedita, M. Pharm

ASSISTANT Professor, Dept. of Pharmacology

Mrs. HARITHA PASUPULATI M. Pharm (Ph.D)

ASSISTANT Professor, Dept. of Pharmacology



BHARAT INSTITUTE OF TECHNOLOGY

(Approved by PCI, AICTE and affiliated to JNTUH, Accredited by NAAC)

Mangalpally (Village), Ibrahimpatnam (Mandal), Ranga Reddy District-501510



CRS. 4.81

PRINCIPAL

Bharat Institute of Technology
Mangalpally (V), Ibrahimpatnam (M)
R.R. Dist - 501 510, Telangana

A PROJECT REPORT ON
FORMULATION AND INVITRO EVALUATION OF
FROVATRIPTAN FAST DISSOLVING TABLETS

A Thesis Submitted in Partial Fulfillment of the

Requirements Of

BACHELOR OF PHARMACY

Submitted to



Jawaharlal Nehru Technological University

HYDERABAD

By

DASARAJULA SHIVAPRASAD	(17171R0014)
DASARI ARUN KUMAR	(17171R0015)
DHARNAMONI VENNELA	(17171R0016)
DUSSA MEGHANA	(17171R0017)
UJJALI PAVAN	(16171R0052)

Under the Guidance of

Mrs. HARITHA PASUPALATI M.pharm (Ph.D)
Assistant Professor, Dept. of Pharmacology



BHARAT INSTITUTE OF TECHNOLOGY

(Approved by PCI, AICTE and affiliated to JNTUH, Accredited by NAAC)
Mangalpelly (village), Imbrahimpatnam (mandal), Rangareddy District (501510)



PRINCIPAL
Bharat Institute of Technology
Mangalpelly (V), Imbrahimpatnam (MD),
R.R. Dist - 501 510. Telangana.

A PROJECT REPORT ON

**FORMULATION OF CAPECTABINE MICROSPHERES USING
DIFFERENT POLYMERS BY IONOTROPIC GELATION METHOD**

A Thesis Submitted in Partial Fulfilment of the Requirements

of

BACHELOR OF PHARMACY

Submitted to



**Jawahar Lal Nehru Technological University
HYDERABAD**

By

K.LAYA (17171R0040)

L.NEHA (17171R0041)

M.AKHILA (17171R0042)

M.RATHAN (17171R0043)

Under the guidance of

Mrs.Dr. RAMYA SREE PAVULURI

Dept. of Pharmacy Practice



BHARAT INSTITUTE OF TECHNOLOGY

**Approved by PCI, AICTE and affiliated to JNTUH
Mangalpally (V), Ibrahimpatnam (M), R.R. Dist., Telangana-501510**



PRINCIPAL
Bharat Institute of Technology
Mangalpally (V), Ibrahimpatnam (M),
R.R. Dist - 501 510, Telangana.

A PROJECT REPORT ON
FORMULATION AND INVITRO EVALUATION OF LEFLUNOMIDE
LOADED TOPICAL TRANSFEROMAL GEL

BACHELOR OF PHARMACY

Submitted to



Dissertation work submitted to Jewaharlal Nehru Technological University,
Hyderabad, in partial fulfillment of requirements for the degree of
Bachelor of Pharmacy (B pharmacy)

Submitted by,

N. LAVANYA (17171R0056)
N. SHRISHA (17171R0057)
P. MANISHA (17171R0058)
P. BHARGAV SAI (17171R0061)

Under the guidance of
DR. SHENATH KAMILA

Asst. Professor

HOD Department of pharmacy practice
BIT Pharmacy



BHARAT INSTITUTE OF TECHNOLOGY
Approved by PCI, AICTE and affiliated to JNTUH
Mangalpally (V), Ibrahimpatnam (M), R.R. Dist., Telangana-501510



PRINCIPAL

Bharat Institute of Technology
Mangalpally (V), Ibrahimpatnam (M),
R.R. Dist - 501 510, Telangana

PREVALENCE OF THYROID DYSFUNCTION IN PATIENTS WITH TYPE-2 DIABETES

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Dissertation work submitted to Jawaharlal Nehru Technological University, Hyderabad, in
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UNDER THE GUIDANCE OF: P.Twila Pushpa

Assistant professor

Department of pharmacy practice



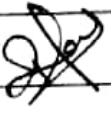
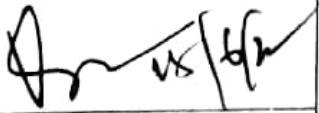
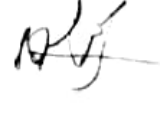
BHARAT INSTITUTE OF TECHNOLOGY
MANGALPALLY, IBRAHIMPATNAM, HYDERABAD-501510
2020-2021



Principal
Bharat Institute of Technology
Mangalpally (V), Ibrahimpatnam (M),
R.R. Dist - 501 510, Telangana.

BHARAT INSTITUTE OF TECHNOLOGY
Mangalpally, Ranga Reddy
B.PHARMACY IV YEAR II SEMESTER-2022
PROJECT REVIEW MEETING 1-Recommendations

NOTE: As per the review meeting conducted on 13/6/22 the following are the recommendations to the respective guides.

S.No	Guide	Recommendations	Signature
1	Dr K.Shibnath	➤ Methodology to be projected ➤ Analgesic and Anti-inflammatory evaluation not done ➤ Please redefine the title accordingly	
2	Ms Rachel Nivedita	➤ Introduction is vast ➤ Need of study and Aim not specific	
3	Dr Kalyani G	➤ <i>In silico</i> studies to be tabulated ➤ Methodology to be mentioned with the software tools used ➤ Tables to be made clear	
4	Ms Twyla Pushpa	➤ Formulation- formula to be mentioned ➤ Rationale behind the selection of Ingredients is not clear ➤ <i>In vitro</i> evaluation tests are recommended	
5	Mrs Kabita Banik	➤ Need of study and Aim not specific ➤ Micro beads evaluation tests to be focused ➤ Graphs and Data mismatching ➤ Evaluation study duration should be revised	
6	Ms Nahid	➤ Aim and Need of study to be focused ➤ Review slides to be verified ➤ Include the survey data form (Sample) ➤ Justification of the study for awareness to be focused ➤ Conclusion should be specific to title	
7	Dr J Bhasker	➤ Review of literature to be incorporated ➤ Rationale of the work to be focused clearly	

Academic In-charge



PRINCIPAL PRINCIPAL DIRECTOR

Bharat Institute of Technology
Mangalpally, Ranga Reddy
Telangana

BHARAT INSTITUTE OF TECHNOLOGY

MANGALPALLY, IBRAHIMPATNAM, HYDERABAD

B. PHARM IV YR II SEM PROJECT REVIEW, JUNE'2022

ATTENDANCE SHEET

Presentations

13/6/2022

6:30 to 5:00 PM

S. No	Roll No	Student Name	Signature
1.	16171R0067	S. Ganesh	
2.	16171R0068	Hidayath Khan	
3.	17171R0005	B. Sai Charan Goud	
4.	17171R0029	K. Raghavendhar	
5.	17171R0058	P. Venkatesh	
6.	17171R0060	P. Akhila	
7.	18171R0001	Ambati Harika	
8.	18171R0002	Ardha Jashwanth Reddy	
9.	18171R0003	Akki Reddy Kalyani	
10.	18171R0004	Amula Swetha	
11.	18171R0005	Arulmoli Janani	
12.	18171R0006	Ayesha Jabeen	
13.	18171R0007	B. Shiva Prasad	
14.	18171R0008	Balram Shivani	
15.	18171R0009	Bhumika Tiwari	
16.	18171R0010	Bolgum Gopi Krishna Goud	
17.	18171R0011	B. Karma Anusha Kumari	
18.	18171R0012	Chakka Aditya Ramakanth	
19.	18171R0013	Ch. Nikitha	
20.	18171R0014	Chiliveri Prathibha Varshini	
21.	18171R0015	Dargi Anand	
22.	18171R0016	Dachepally Deekshitha	
23.	18171R0017	Dapavathi Amar Singh	
24.	18171R0018	Dasari Devendhar	
25.	18171R0019	Dasari Pavan Kalyan Goud	
26.	18171R0020	Duvasi Rakesh	
27.	18171R0021	Eedula Chandana	
28.	18171R0023	Gorige Ramesh	
29.	18171R0024	Hajera Nadia	
30.	18171R0025	Jadhav Shruthi	
31.	18171R0026	Konkayala Abhilash Reddy	
32.	18171R0029	Komittysetty Sravan Kumar	
33.	18171R0030	Kalam Thriveni	
34.	18171R0031	Kayiti Manasa	
35.	18171R0032	Kethavathi Manjula	
36.	18171R0033	Kunal Biyani	
37.	18171R0034	Marri Abhishiek	
38.	18171R0035	Sumil Kumar	
39.	18171R0036	Reddy Divya	



Principal
Bharat Institute of Technology
Mangalpally (V), Ibrahimpatnam (M).
R.R. Dist - 501 510. Telangana

40.	18171R0037	Manal Reecha	M. Reecha
41.	18171R0038	Manda Bharath	M. Bharath
42.	18171R0040	Mohammad Wajeed	M. Wajeed
43.	18171R0041	Merreddy Vamshidhar Reddy	M. Vamshidhar
44.	18171R0042	Mergi Anil Joshi	M. Anil
45.	18171R0043	Moreddy Shiva Kumar	M. Shiva
46.	18171R0044	Motam Santhosh	M. Santhosh
47.	18171R0045	Mudavath Pooja	M. Pooja
48.	18171R0046	Mummadi Swathi	M. Swathi
49.	18171R0047	Nadeem	Nadeem
50.	18171R0048	Pandiri Pavithra	P. Pavithra
51.	18171R0049	Pampari Jagannath	P. Jagannath
52.	18171R0050	Pandi Jhansi	P. Jhansi
53.	18171R0051	Pasham Mahesh Reddy	P. Mahesh
54.	18171R0052	P Naga Maha Laxmi Prasanna	P. Laxmi
55.	18171R0053	Rangineni. Sanath Kumar	R. Sanath
56.	18171R0054	Railla Swathi	R. Swathi
57.	18171R0055	Rapelly Rajeshwari	R. Rajeshwari
58.	18171R0056	Rizwana Begum	R. Begum
59.	18171R0057	S.Ranjith Reddy	S. Ranjith
60.	18171R0058	Varaganti Saiprasanna	V. Saiprasanna
61.	18171R0059	Shreeya Salunke	S. Salunke
62.	18171R0060	Sirigiri Bhargavi	S. Bhargavi
63.	18171R0061	Surigala Shiva Kumar	S. Shiva
64.	18171R0062	Surigi Pavan Kalyan	S. Pavan
65.	18171R0064	Tammineni Mallikharjuna Reddy	T. Mallikharjuna
66.	18171R0065	Thammali Siddhartha	T. Siddhartha
67.	18171R0066	Ummelvar Prathibha	U. Prathibha
68.	18171R0069	Vadtya Arun	V. Arun
69.	18171R0070	Vemani Shirisha	V. Shirisha
70.	18171R0071	Vemula Spandana	V. Spandana
71.	18171R0072	Sunil Waghmare	S. Waghmare
72.	18171R0073	Yaramala Srinivasreddy	Y. Srinivasreddy
73.	18171R0074	Yamjala Ravali	Y. Ravali
74.	18171R0078	Boda Aravind	B. Aravind
75.	18171R0079	Jadhav Nitesh	J. Nitesh
76.	15171R0045	K. Raj Kumar	K. Raj Kumar
77.	15171R0054	R. Gopi Krishna Reddy	R. Gopi Krishna
78.	15171R0064	C. Vamshi	C. Vamshi
79.	15171R0066	M. Chaitanya Srikrishna	M. Chaitanya

② absent

ab (supply)

Presentees: 79

Absentees: 05

Total no of Students: 79

Signature of C/I:

Academic I/O:

Principal:

PRINCIPAL

Bharat Institute of Technology
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R.S. Dist - 501 510, Telangana



BHARAT INSTITUTE OF TECHNOLOGY

MANGALPALLY, IBRAHIMPATNAM, HYDERABAD

B. PHARM IV YR II SEM PROJECT REVIEW, JUNE'2022

ATTENDANCE SHEET

S. No	Roll No	Student Name	Signature
1.	16171R0067	S. Ganesh	
2.	16171R0068	Hidayath Khan	
3.	17171R0005	B. Sai Charan Goud	
4.	17171R0029	K. Raghavendhar	
5.	17171R0058	P. Venkatesh	
6.	17171R0060	P. Akhila	
7.	18171R0001	Ambati Harika	
8.	18171R0002	Ardha Jashwanth Reddy	
9.	18171R0003	Akki Reddy Kalyani	
10.	18171R0004	Amula Swetha	
11.	18171R0005	Arulmoli Janani	
12.	18171R0006	Ayesha Jabeen	
13.	18171R0007	B.Shiva Prasad	
14.	18171R0008	Balram Shivani	
15.	18171R0009	Bhuanika Tiwari	
16.	18171R0010	Bolgum Gopi Krishna Goud	
17.	18171R0011	B. Karma Anusha Kumari	
18.	18171R0012	Chakka Aditya Ramakanth	
19.	18171R0013	Ch.Nikitha	
20.	18171R0014	Chiliveri Prathibha Varshini	
21.	18171R0015	Dargi Anand	
22.	18171R0016	Dachepally Deekshitha	
23.	18171R0017	Dapavath Amar Singh	
24.	18171R0018	Dasari Devendhar	
25.	18171R0019	Dasari Pavan Kalyan Goud	
26.	18171R0020	Duvasi Rakesh	
27.	18171R0021	Eedula Chandana	
28.	18171R0023	Gorige Ramesh	
29.	18171R0024	Hajera Nadia	
30.	18171R0025	Jadhav Shruthi	
31.	18171R0026	Konkayala Abhilash Reddy	
32.	18171R0029	Komittysetty Sravan Kumar	
33.	18171R0030	Kalam Thriveni	
34.	18171R0031	Kayiti Manasa	
35.	18171R0032	Kethavath Manjula	
36.	18171R0033	Kunal Biyani	
37.	18171R0034	Marri Abhishiek	
38.	18171R0035	M Sunil Kumar	
39.	18171R0036	M. Divya	

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R.R. Dist - 501 510, Telangana.



40.	18171R0037	Manal Reecha	M. Reecha
41.	18171R0038	Manda Bharath	M. Bharath
42.	18171R0040	Mohammad Wajeed	Wajeed
43.	18171R0041	Merreddy Vamshidhar Reddy	Vamshidhar Reddy
44.	18171R0042	Mergi Anil Joshi	Anil Joshi
45.	18171R0043	Moreddy Shiva Kumar	Shiva Kumar
46.	18171R0044	Motam Santhosh	Santhosh
47.	18171R0045	Mudavath Pooja	Pooja
48.	18171R0046	Mummadi Swathi	Swathi
49.	18171R0047	Nadeem	Nadeem
50.	18171R0048	Pandiri Pavithra	Pavithra
51.	18171R0049	Pampari Jagannath	Jagannath
52.	18171R0050	Pandi Jhansi	Jhansi
53.	18171R0051	Pasham Mahesh Reddy	Mahesh Reddy
54.	18171R0052	P Naga Maha Laxmi Prasanna	Prasanna
55.	18171R0053	Rangineni. Sanath Kumar	Sanath Kumar
56.	18171R0054	Railla Swathi	Swathi
57.	18171R0055	Rapelly Rajeshwari	Rajeshwari
58.	18171R0056	Rizwana Begum	Begum
59.	18171R0057	S Ranjith Reddy	Ranjith Reddy
60.	18171R0058	Varaganti Saiprasanna	Saiprasanna
61.	18171R0059	Shreeya Salunke	Salunke
62.	18171R0060	Sirigiri Bhargavi	Bhargavi
63.	18171R0061	Surigala Shiva Kumar	Shiva Kumar
64.	18171R0062	Surigi Pavan Kalyan	Pavan Kalyan
65.	18171R0064	Tammineni Mallikharjuna Reddy	Mallikharjuna Reddy
66.	18171R0065	Thammali Siddhartha	Siddhartha
67.	18171R0066	Ummelvar Prathibha	Prathibha
68.	18171R0069	Vadtya Arun	Arun
69.	18171R0070	Vemani Shirisha	Shirisha
70.	18171R0071	Vemula Spandana	Spandana
71.	18171R0072	Sunil Waghmare	Waghmare
72.	18171R0073	Yaramala Srinivasreddy	Srinivasreddy
73.	18171R0074	Yamjala Ravali	Ravali
74.	18171R0078	Boda Aravind	Aravind
75.	18171R0079	Jadhav Nitesh	Nitesh
76.	15171R0045	K. Raj Kumar	Raj Kumar
77.	15171R0054	R. Gopi Krishna Reddy	Gopi Krishna Reddy
78.	15171R0064	C. Vamshi	Vamshi
79.	15171R0066	M. Chaitanya Srikrishna	Chaitanya Srikrishna

Presentees: 74

Absentees: 05

Total no of Students: 79

Signature of C/I:

Academic I/C

Principal:

PRINCIPAL

Bharat Institute of Technology
Mancalipally (V), Ibrahimostham (M),
R.A. Dist - 101 5 3, Andhra Pradesh



B.PHARM- PROJECT TITLE LIST '2022:

BATCH NO	Roll Number	Guide Name	Project Title
1.	18171R0049	Dr. Namratha S.	Analytical Method Development and Validation of Moxifloxacin Hydrochloride by using RP-HPLC Method
	18171R0050		
	18171R0051		
	18171R0052		
	18171R0053		
2.	18171R0044	Mrs. Kabita Banik	Formulation and Evaluation of Isoniazid Microbeads
	18171R0045		
	18171R0046		
	18171R0047		
	18171R0048		
3.	18171R0054	Mrs. Jyoti Sahu	Evaluation of Phytochemical Constituents of Palm Wine and Review of its therapeutic benefits
	18171R0055		
	18171R0056		
	18171R0057		
	18171R0058		
4.	18171R0054	Mrs. Amtul Fatima	Formulation and Evaluation of the Microsponges loaded with Combination of two Antifungal agents for Transdermal Drug Delivery.
	18171R0055		
	18171R0056		
	18171R0057		
	18171R0058		
5.	17171R0060	Mrs. Rechal Nivedita	Development of HPLC Methods for Betablockers
	18171R0001		
	18171R0002		
	18171R0003		
	18171R0004		
6.	18171R0038	Dr. J Bhaskar	Formulation and Evaluation of Albendazole Fast Dissolving Tablets.
	18171R0040		
	18171R0041		
	18171R0042		
	18171R0043		
7.	18171R0005	Dr. Kalyani	Study of Various Phytochemicals Derived from Aegle Marmelos Using Qualitative Estimation and Insilico Parameters.
	18171R0006		
	18171R0007		
	18171R0008		
	18171R0009		
8.	18171R0010	Dr. Nahid	Over the Counter Sale of Dispensing Community Pharmacy
	18171R0011		
	18171R0012		



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 R.R. Dist - 507 1510, Telangana

9.	18171R0013	Ms. Pushpa Twila	Formulation and Evaluation of Polyherbal Handwash with Potential Antibacterial Activity
	18171R0014		
	18171R0026		
	18171R0029		
	18171R0030		
	18171R0031		
10.	18171R0032	Mrs. Harita	Exploration of Potential Antiurolithiatic Activity of Marine Product Chlorella
	18171R0069		
	18171R0070		
	18171R0071		
11.	18171R0072	Dr. Srikanth	Biological Evaluation of Essential Natural Oils as Potential Antibacterial Agents
	16171R0067		
	16171R0068		
	17171R0005		
	17171R0029		
12.	17171R0058	Mrs. Azka Fatima	Development and Validation of RP-HPLC Method for the Estimation of loperidone in Bulk and Tablet Dosage Form
	18171R0015		
	18171R0016		
	18171R0017		
	18171R0018		
13.	18171R0019	Mrs. Azka Fatima	Analytical Method Development and Validation for the Determination of Anastrozole in Pharmaceutical Dosage Form by RP-HPLC.
	18171R0073		
	18171R0074		
14.	18171R0078	Dr. Sibnath Kamila	Formulation And Evaluation of Herbal Gel having Analgesic Action.
	18171R0033		
	18171R0034		
	18171R0035		
	18171R0036		
15.	18171R0037	Dr. Mutahar	Studies on Formulation and Characterization of Acyclovir Sustained Release Matrix Tablets by Using Natural Polymers.
	18171R0020		
	18171R0021		
	18171R0023		
	18171R0024		
16.	18171R0025	Dr. Mutahar	Formulation And In vitro Evaluation Of Nicotinic Acid.
	18171R0058		
	18171R0059		
	18171R0060		
	18171R0061		



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R.R. Dist - 501 510, Telangana

BHARAT INSTITUTE OF TECHNOLOGY
MANGALPALLY, IBRAHIMPATNAM, HYDERABAD

B. PHARM 4TH YR PROJECT

ATTENDANCE SHEET

S. No	Roll No	Student Name
1.	16171R0067	S. Ganesh
2.	16171R0068	Hidayath Khan
3.	17171R0005	B. Sai Charan Goud
4.	17171R0029	K. Raghavendhar
5.	17171R0058	P. Venkatesh
6.	17171R0060	P. Akhila
7.	18171R0001	Ambati Harika
8.	18171R0002	Ardha Jashwanth Reddy
9.	18171R0003	Akki Reddy Kalyani
10.	18171R0004	Amula .Swetha
11.	18171R0005	Arulmoli Janani
12.	18171R0006	Ayesha Jabeen
13.	18171R0007	B.Shiva Prasad
14.	18171R0008	Balram Shivani
15.	18171R0009	Bhumika Tiwari
16.	18171R0010	Bolgum Gopi Krishna Goud
17.	18171R0011	B. Karma Anusha Kumari
18.	18171R0012	Chakka Aditya Ramakanth
19.	18171R0013	Ch.Nikitha
20.	18171R0014	Chiliveri Prathibha Varshini
21.	18171R0015	Dargi Anand
22.	18171R0016	Dachepally Deckshitha
23.	18171R0017	Dapavath Amar Singh
24.	18171R0018	Dasari Devendhar
25.	18171R0019	Dasari Pavan Kalyan Goud
26.	18171R0020	Duvasi Rakesh
27.	18171R0021	Eedula Chandana
28.	18171R0023	Gorige Ramesh
29.	18171R0024	Hajera Nadia
30.	18171R0025	Jadhav Shruthi
31.	18171R0026	Konkayala Abhilash Reddy
32.	18171R0029	Komittysheetty Sravan Kumar
33.	18171R0030	Kalam Thriveni
34.	18171R0031	Kayiti Manasa
35.	18171R0032	Kethavath Manjula
36.	18171R0033	Kunal Biyani



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Mangalpally (V), Ibrahimpatnam (M),
R.R. Dist - 501 510, Telangana

37.	18171R0034	Marri Abhishiek
38.	18171R0035	M Sunil Kumar
39.	18171R0036	Maddu Divya
40.	18171R0037	Manal Reecha
41.	18171R0038	Manda Bharath
42.	18171R0040	Mohammad Wajeed
43.	18171R0041	Merreddy Vamshidhar Reddy
44.	18171R0042	Mergi Anil Joshi
45.	18171R0043	Moreddy Shiva Kumar
46.	18171R0044	Motam Santhosh
47.	18171R0045	Mudavath Pooja
48.	18171R0046	Mummadi Swathi
49.	18171R0047	Nadeem
50.	18171R0048	Pandiri Pavithra
51.	18171R0049	Pampari Jagannath
52.	18171R0050	Pandi Jhansi
53.	18171R0051	Pasham Mahesh Reddy
54.	18171R0052	P Naga Maha Laxmi Prasanna
55.	18171R0053	Rangineni Sanath Kumar
56.	18171R0054	Railla Swathi
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60.	18171R0058	Varaganti Saiprasanna
61.	18171R0059	Shreeya Salunke
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63.	18171R0061	Surigala Shiva Kumar
64.	18171R0062	Surigi Pavan Kalyan
65.	18171R0064	Tammineni Mallikharjuna Reddy
66.	18171R0065	Thammali Siddhartha
67.	18171R0066	Ummelvar Prathibha
68.	18171R0069	Vadtya Arun
69.	18171R0070	Vemani Shirisha
70.	18171R0071	Vemula Spandana
71.	18171R0072	Sunil Waghmare
72.	18171R0073	Yaramala Srinivasreddy
73.	18171R0074	Yamjala Ravali
74.	18171R0078	Boda Aravind
75.	18171R0079	Jadhav Nitesh
76.	15171R0045	K Raj Kumar
77.	15171R0054	R Gopi Krishna Reddy
78.	15171R0064	C Vamshi
79.	15171R0066	M. Chaitanya Srikrishna



Ch. S. G. S. H.
PRINCIPAL
 Bharat Institute of Technology
 Mangalpally (V), Ibrahimpatnam (M),
 P. O. 501 510, Telangana

**STUDIES ON FORMULATION AND CHARACTERIZATION OF ACYCLOVIR SUSTAINED
RELEASE MATRIX TABLETS BY USING NATURAL POLYMERS**

Dissertation submitted to the



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

In partial fulfilment Of the Requirements for the Degree of

BACHELOR OF PHARMACY

DUVASI RAKESH (18171R0020) EDULA CHANDANA (18171R0021)

GORIGE RAMESH (18171R0023) HAJERA NADIA (18171R0024)

SHRUTI (18171R0025)

Under the Esteemed Guidance of

DR. RK. MOHAMMED MUTAHAR

Professor & Principal

Head of the

Department

Department of Pharmaceutics



BHARAT INSTITUTE OF TECHNOLOGY

(Approved by PCI, AICTE New Delhi and affiliated to JNTUH, NAAC Accredited Quality Certified Institution)

Mangalpally (V), Ibrahimpatnam (M), R.R Dist., Telangana - 501510

**INDIA
2022**



5.12.2021
PRINCIPAL
Bharat Institute of Technology
Mangalpally (V), Ibrahimpatnam (M),
R.R. Dist - 501 510, Telangana

**ANALYTICAL METHOD DEVELOPMENT & VALIDATION FOR THE
DETERMINATION OF ANASTROZOL IN PHARMACEUTICAL
DOSAGE FORM BY REVERSE PHASE HPLC METHOD**

Dissertation submitted to the



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
In partial fulfilment Of the Requirements for the Degree of

BACHELOR OF PHARMACY

By

Y.Srinivas (18171R0073)

Y. Ravali (18171R0074)

B.Aravind(18171R0078)

Under the Esteemed Guidance of

Prof. MRS . Azka Fathima

Professor

Head of the Department

Department of Pharmaceutical analyss PA&QA



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**(Approved by PCI, AICTE New Delhi and affiliated to JNTUH, NAAC Accredited Quality
Certified Institution)**

Mangalpally (V), Ibrehimpatnam (M), R.R Dist.,

Telangana – 501510

INDIA

JUNE 2022



Ch. S. V. S. R.

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R.R. Dist. - 501510, Telangana**

BHARAT INSTITUTE OF TECHNOLOGY
MANGALPALLY, IBRAHIMPATNAM, HYDERABAD
V YR PHARM D

SL. No.	Hall Ticket No.	Name
1.	15171T0023	Syed Najamuddin Khundmiri
2.	14171T0024	Mandadi Sudesh
3.	16171T0001	Manju Sada Shanker
4.	16171T0002	Ambadipally Laharika
5.	16171T0003	Shik Meheb Shehenaaz Kauser
6.	16171T0004	Mali Sai Sree
7.	16171T0005	Kokkerala Pooja
8.	16171T0007	Somagani Chaitanya
9.	16171T0008	Mettu Archana Goud
10.	16171T0009	Sukaina Shabbir Karjatwalla
11.	16171T0010	Palepu Mani Ramya
12.	16171T0011	Kulsoom Fatima
13.	16171T0012	Billakuduru Srija
14.	16171T0013	Beerum Induja
15.	16171T0014	Saiharshini Yabaluri
16.	16171T0015	P Hima Chandana Sai Rupa
17.	16171T0016	Kalvakollu Keerthi
18.	16171T0017	Orsu Vaishnavi
19.	16171T0018	Kadaparthi Amulya
20.	16171T0019	Indrani Biswas
21.	16171T0020	Qamar Masood
22.	16171T0021	Bavu Akhil Kumar
23.	16171T0022	Mohammad Junaid Ahmed
24.	16171T0023	B Balu
25.	16171T0024	Dontha Saipranav
26.	16171T0025	Parupalli Kranthi Kiran Reddy
27.	16171T0026	G Naveen Kumar
28.	16171T0027	Mandhala Saikrishna
29.	16171T0028	Challam Venu



R. S. L. 181

PRINCIPAL

Bharat Institute of Technology
Mangalpally, P. O. Ibrahimpatnam (M),
U. P. Dist. - ANANTAPUR, Telangana

BHARAT INSTITUTE OF TECHNOLOGY

BHARAT INSTITUTE OF TECHNOLOGY
MANGALPALLY, IBRAHIMPATNAM, HYDERABAD

V YR PHARM D PROJECT
ATTENDANCE SHEET

SL. No.	Hall Ticket No.	Name
1.	17171T0001	Aayushi Jaiswal
2.	17171T0002	B R Pratibha
3.	17171T0003	Challa Vineeth Reddy
4.	17171T0004	Gajjala Sankeerthana
5.	17171T0005	Gudipati Anusha
6.	17171T0006	Gujjula Harshavardhan Reddy
7.	17171T0007	Guntuka Varsha Reddy
8.	17171T0008	K Ravali
9.	17171T0009	Koppu Soma Shekar
10.	17171T0010	Layasri Putta
11.	17171T0011	M Srivarshini
12.	17171T0012	Mathangi Susan Zion
13.	17171T0013	Nafia Sultana
14.	17171T0014	Neel Sai Kumar
15.	17171T0015	P Pravalika Reddy
16.	17171T0016	Patlolla Akshitha Reddy
17.	17171T0017	PGK Chandana
18.	17171T0018	Shafia Jameel
19.	17171T0019	Voraganti Aishwarya



Q.S. 8.181
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R.R. Dist - 501 510, Telangana.



BHARAT INSTITUTE OF TECHNOLOGY

(Accredited by NAAC, Approved by PCI & AICTE, Affiliated to JNTUH)

Mangalpally (V), Ibrahimpatnam (M), R.R. Dist - 501 510, Telangana, India

Certificate of Internship



This is to certify that

Mr. DONTA SAI PRANAV

Roll No. 16171TD024

of Bharat Institute of Technology (Pharmacy), Ibrahimpatnam, Hyderabad
has successfully completed the Pharm.D Internship at
Krishna Institute of Medical Sciences, Secunderabad
in the following units/departments as prescribed under regulation 16 and
Appendix C of Pharm D Regulations 2008

DEPARTMENT	DATE		TOTAL DURATION
	FROM	TO	
GENERAL MEDICINE	09-08-2021	05-02-2022	Six Months
NEPHROLOGY	08-02-2022	07-04-2022	Two Months
ONCOLOGY	11-04-2022	10-06-2022	Two Months
CARDIOLOGY	13-06-2022	12-08-2022	Two Months



[Signature]
Principal
Bharat Institute of Technology
Mangalpally (V), Ibrahimpatnam (M)
R.R. Dist - 501 510

[Signature]
Medical Superintendent
KIMS Hospital,
Secunderabad
Dr. Sambit Sahu
Medical Director & H.O.D. Critical Care
KIMS Hospital, Secunderabad



[Signature]
PRINCIPAL
Bharat Institute of Technology
Mangalpally (V), Ibrahimpatnam (M),
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Ph : 08414-252265, Fax : 08414-252645, E-mail : bitpharm@yahoo.com

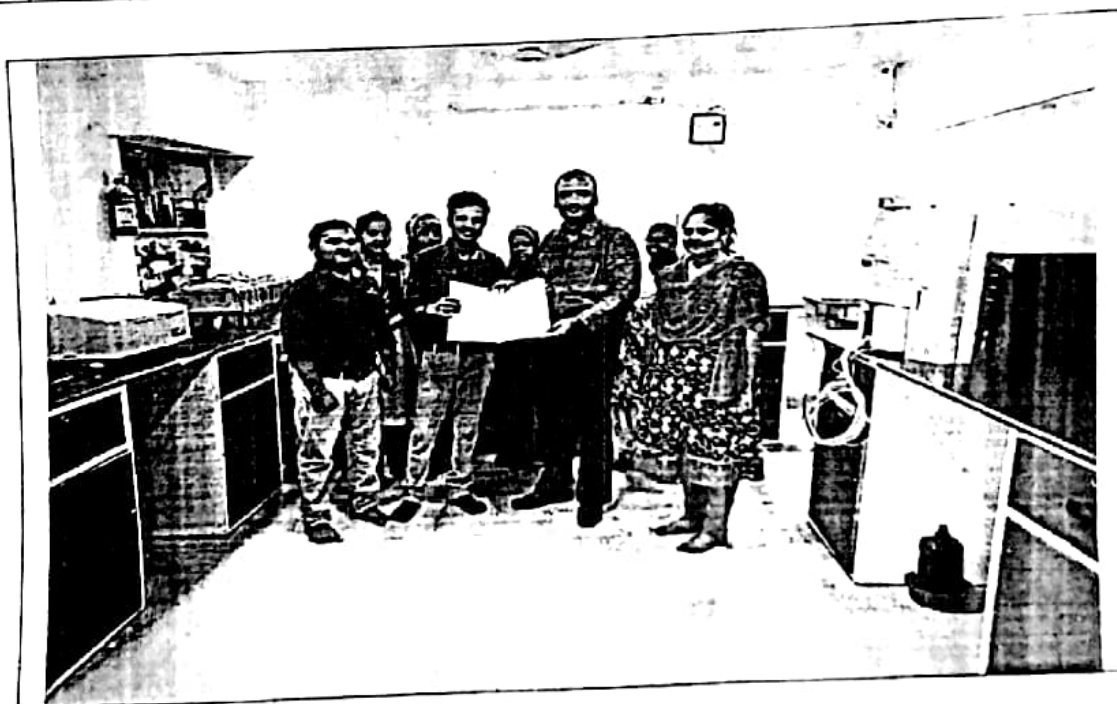
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INDUSTRIAL TRAINING

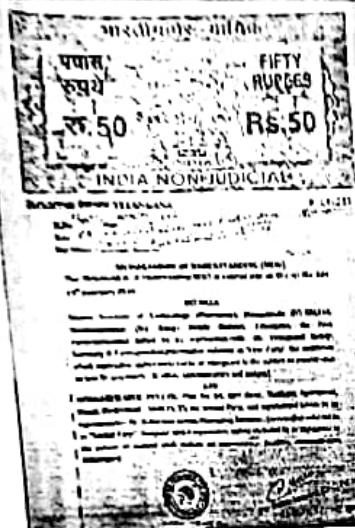
**BHARAT INSTITUTE OF TECHNOLOGY (PHARMACY) HAVING MOU
(MEMORANDUM OF UNDERSTANDING) WITH FOLLOWING COMPANIES FOR
INDUSTRIAL TRAINING & PLACEMENTS GUIDANCE**

S. No.	Pharmaceutical Company/ Industry
1	Akshaj Molecular Research Pvt., Ltd., Nacharam, Hyderabad, Date: 25-03-2017
2	Jupitor Formulations, IDA - Bhongir, Hyderabad, Date: 09-03-2015
3	Sanjeevani Bio Services Pvt., Ltd., Ameerpet, Hyderabad, Date: 02-03-2019
4	Sura Pharma Labs, Dilsukh Nagar, Hyderabad, Date: 07-02-2019
5	Nishka Research Pvt., Ltd., Hyderabad, Date: 19-02-2019

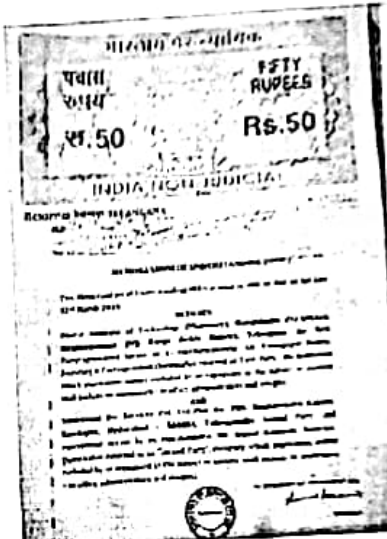


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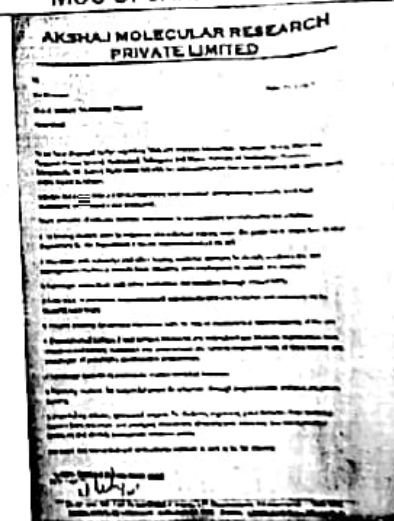
MOU OF NISHKHA LABS



MOU OF SANJEEVANI LABS



MOU OF SURA LABS



MOU OF AKSHAJ MOLECULAR RESEARCH



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MEMORANDUM OF UNDERSTANDING

This MOU is made and entered on 16th Aug' 2021 in continuation of our earlier MOU made on 14th Aug. 2008 and revised on 9th Dec' 2010.

BETWEEN

Krishna Institute of Medical Sciences Ltd. 1-8-31/1, Minister Road, Secunderabad-03 hereafter called, as KIMS represented by Prof. (Dr) P. Raja Gopal, Director, Medical Education hereafter called as 'First Party'.

And

Bharat Institute of Technology, Mangalpally (Post), Ibrahimpatnam (Mandal), Ranga Reddy District), Telangana- 501510 sponsored by Chinta Reddy Madhusudhan Reddy Educational Society, hereafter called as BIT, represented by Mr. Ch. Venugopal Reddy Secretary & Correspondent hereafter called as 'Second Party'.



ATTESTED
MD. SAMI UDDIN

ADVOCATE & NOTARY
(Appointed by the Govt. of T.S.)
Telephone Colony, Kothapet, Hyderabad

Dr. P. RAJA GOPAL
B.Sc, MBBS, MS, MCh, MNAMS(CTS), FIAS,
Director, Medical Education
Krishna Institution of Medical Sciences Ltd
Minister Road, Secunderabad-500003

Ch. Venugopal Reddy
Secretary & Correspondent



PRINCIPAL
Bharat Institute of Technology
Mangalpally (Post), Ibrahimpatnam (Mandal), Ranga Reddy District - 501510, Telangana.

**DEVELOPMENT AND VALIDATION OF RP HPLC METHOD FOR THE
ESTIMATION OF LOPIDRIDONE IN BULK AND TABLET DOSAGE
FORMS**

Dissertation submitted to the



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
In partial fulfillment Of the Requirements for the Degree of

BACHELOR OF PHARMACY

By

D Anand (18171R0015)

D Amarsingh (18171R0017)

D Deekshitha (18171R0016)

D Devendhar (18171R0018)

D Pavankalyan goud (18171R0019)

Under the Esteemed Guidance of

Prof. MRS. Azka Fathima

Assistant Professor

Department of Pharmaceutical analysis PA&QA



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Telangana - 501510

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Dr. S. G. V. 181

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Bharat Institute of Technology
*Mangalpally (V), Ibrahimpatnam (M),
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**DEVELOPMENT AND VALIDATION OF RP-HPLC METHOD FOR THE
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FORMS**

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**Mangalpally (V), Ibrahimpatnam (M), R.R Dist.,
Telangana - 501510**

INDIA

JUNE 2022



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Bharat Institute of Technology
Mangalpally (V), Ibrahimpatnam (M),
R.R. Dist. - 501 510, Telangana

**ANALYTICAL METHOD DEVELOPMENT & VALIDATION FOR THE
DETERMINATION OF ANASTROZOL IN PHARMACEUTICAL
DOSAGE FORM BY REVERSE PHASE HPLC METHOD**

Dissertation submitted to the



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
In partial fulfilment Of the Requirements for the Degree of

BACHELOR OF PHARMACY

By

Y.Srinivas (18171R0073)

Y. Ravali (18171R0074)

B.Aravind(18171R0078)

Under the Esteemed Guidance of

Prof. MRS . Azka Fathima

Professor

Head of the Department

Department of Pharmaceutical analyss PA&QA



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Ch. S. R. G.
PRINCIPAL
Bharat Institute of Technology
Mangalpally (V), Ibrahimpatnam (M),
R.R. Dist - 501 510 Telangana

**EVALUATION OF MARINE PRODUCT (CHLORELLA) FOR
ANTI-UROLITHATIC ACTIVITY**

Dissertation submitted to the



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

In partial fulfillment Of the Requirements for the Degree of

BACHELOR OF PHARMACY

By

Vadtya Arun (18171R0069)

Vemani Shirisha (18171R0070)

Vemula Spandana (18171R0071)

Sunil Waghmare (18171R0072)

Under the Esteemed Guidance of

Mrs. Haritha Pasupulati

Assistant Professor

Department of Pharmacology



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**Principal
Bharat Institute of Technology,
Mangalpally (V), Ibrahimpatnam (M),
R.R. Dist - 501 510, Telangana**

**FORMULATION AND EVALUATION OF FAST DISSOLVING
ALBENDAZOLE TABLETS**

Dissertation submitted to the



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

In partial fulfillment Of the Requirements for the Degree of

BACHELOR OF PHARMACY

By

M.Bharath (18171R0038)

Mohd.Wajeed (18171R0040)

M.Vamshidhar Reddy (18171R0041) M.Anil Joshi (18171R0042)

M.Shiva Kumar (18171R0043) J.Nitesh (18171R0079)

Under the Esteemed Guidance of

Dr J BHASKAR

Associate Professor

Head of the Department

Department of Pharmaceutics



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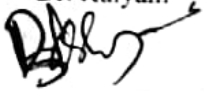
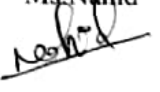
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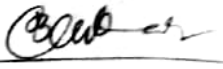
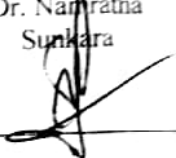
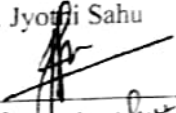
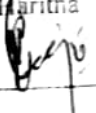
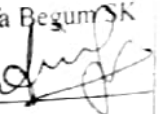
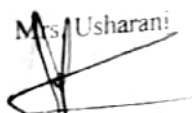
B. PHARM IV YR II SEM GUIDE ALLOTMENT FOR IV/II PROJECT

S. No	Roll No	Student Name	Group Number	Guide name
1.	16171R0067	S. Ganesh	1	Dr. Srikanth Gatadi 
2.	16171R0068	Hidayath Khan		
3.	17171R0005	B. Sai Charan Goud		
4.	17171R0029	K. Raghavendhar		
5.	17171R0058	P. Venkatesh		
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16.	18171R0010	Bolgum Gopi Krishna Goud	4	Ms. Nahid 
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19.	18171R0013	Ch.Nikitha		
20.	18171R0014	Chiliveri Prathibha Varshini		
21.	18171R0015	Dargi Anand	5	Mrs. Azka 
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34.	18171R0031	Kayiti Manasa		
35.	18171R0032	Kethavath Manjula		
36.	18171R0033	Kunal Biyani	8	Dr. Shibnath Kamila 
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38.	18171R0035	M Sunil Kumar		
39.	18171R0036	Maddu Divya		
40.	18171R0037	Manal Reecha		

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41.	18171R0038	Manda Bharath	9	Dr J.Bhaskar 
42.	18171R0040	Mohammad Wajeed		
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59.	18171R0057	S.Ranjith Reddy		
60.	18171R0058	Varaganti Sai prasanna		
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65.	18171R0064	Tammineni Mallikharjuna Reddy		
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76.	15171R0045	K. Raj Kumar	16	Dr Arifa Begum SK 
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79.	15171R0066	M. Chaitanya Srikrishna		
			17	Mrs. Usharani 

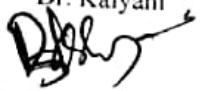
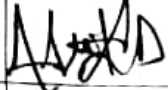
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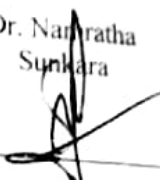
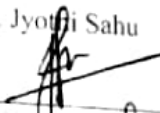
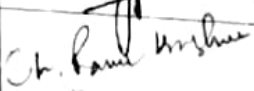
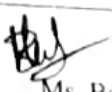
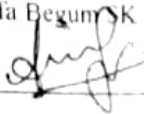
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70.	18171R0071	Vemula Spandana		
71.	18171R0072	Sunil Waghmare		
72.	18171R0073	Yaramala Srinivasreddy		
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